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carin
ELECTROMEDICARIN, S.A.

To reach even further

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To reach even further...

...

Electromedicarin wants to collaborate in your professional growing and success. Your hands, combined with our technology, will help you in obtaining results in less time.

We are in constant growth and evolution, with an overcoming spirit and the objective of being a referent in the market. Electromedicarin is a Spanish company which develops, manufactures and commercialises medical devices since more than 20 years in the national market and it is also an International company working for more than 12 years in the global market with presence in 22 countries.

We offer you technology and innovation, but also a special added value: reliability, advice and customized attention. Our team-work allows creating new solutions thought for the professionals with the aim of facilitating their work and completing it efficiently.

NEAR YOU

...

Electromedicarin was founded in 1986 in an office located in the Olympic city of Barcelona but after some years, our headquarters were moved into larger facilities of more than 6000m2 because of our growing. In those facilities are carried out several activities such as manufacturing, innovation and development, quality controls, logistics and administration activities as well as seminars, demonstrations and training courses.

Our show-room situated in our headquarters shows all our electrotherapy, mechanotherapy, hydrotherapy and physio-aesthetics equipments and it also has an active balnearium/ wellness spa.

Although **Electromedicarin** was founded as a services company, we have been working hard to be a company keen on developing new devices, new technologies and new ideas for the professionals of rehabilitation and physiotherapy.

Actually, marketing studies carried out in 2006 in Spain confirm that Electromedicarin is the Spanish leader company in the national market of rehabilitation and physiotherapy equipment. Our next objective is to consolidate our International position.

For Electromedicarin Quality is a global concept that covers Social Responsibility (the first one in Spain to obtain ISO 14001:2004), search for a continuing general improvement in which everybody in the company is involved, maximization of our clients' level of satisfaction and offer them safe, efficient and durable devices so as to cater their needs.

It is the only Spanish company that produces a complete range of physiotherapy and rehabilitation devices. Since it was founded it has a constant growth and a continuous expansion on products portfolio launching new devices into new markets.

Electromedicarin invests 10% of its turnover in research and development with great results and contributions of new technologies in the physiotherapy field such as the patent of MegaA currents that creates a local immediate anaesthesia, the SCAM mode in the ultrasounds that avoids get used to the ultrasound, Omega currents which are better tolerated by the patient and so on.

This is **Electromedicarin**

Electrotherapy

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carin
ELECTROMEDICARIN, S.A.

TRATAMIENTOS CARIM
Lumbalgia sin irradiación EEII(A)
Aplicar
Cambiar
Cancelar
MEGASONIC 900
SALIDA OUTPUT 2
MENU
SALIDA OUTPUT 3

Lámpara IR Megasonic 313 SPORT Megasonic 707 Microondas 242

Innovaciones CARIN Cabezales Interferencial 9H TNS Onda Microondas 242

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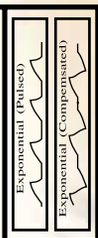
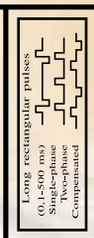
Interferencial 9H

Magnet 243

Electrotherapy equipments

ELECTROSTIMULATORS and ULTRASOUNDS

		Channels for low & medium frequency	LOW AND MEDIUM: Short rectangular pulses (20µs - 500µs): Symmetric Compensated	SCAN Option	Assymmetric Compensated	SCAN Option	Single-phase	Two-phase	Single & Two-phase (with SCAN)	Currents: Continua (fija 5000Hz)	Continua opción anti-acomodación	Continua (1000 – 10000Hz)	Pulsada
Electrostimulators	MEGASONIC 900	3	●	●	●	●	●	●	●	●		●	●
	MEGASONIC 400	2	●				●	●					
	MEGASONIC A313	6	●	●	●	●	●	●	●	●	●	●	●
	MEGASONIC 313P4	4	●		●		●	●					
	MEGASONIC 313	6	●		●		●	●		●		●	●
	INTERFERENCIAL 94	2								●		●	
Portable Electroestimulators	MEGASONIC 313 SPORT	4	●	●	●	●	●	●	●				
	TNS OMEGA	2		●				●					
Combined Units	MEGASONIC 707	2	●	●	●	●	●	●	●	●		●	●
	MEGASONIC 223	2			●	●				●	●		
	MEGASONIC 212P	2					●						
	MEGASONIC 226	2								●	●		
US	MEGASONIC 700												
	MEGASONIC 210												
	MEGASONIC 212 K												

FREQUENCY														
Megaa		Interferentials		Low frequency				Ultrasounds					Channels for low frequency	Highlights
								1 MHz BIG head	1 MHz SMALL head	1 y 3 MHz BIG head	1 y 3 MHz SMALL head	1 y 3 MHz BIG head		
													1	Electrodiagnostic (Megasoft PC)
														3 four-pole channels outputs
●	●	●	●											Biofeedback (2 EMG & pressure)
●														
	●	●	●											Two Four-pole Outputs
														Portable, with charger. Voltage limitacion
														Locking for treatment at home. Constant voltage.
●	●	●	●					●	●	●	●			
										●	●			Constant voltage Constant intensity Vibratory Head
								●	●					
								●	●					
								●	●	●	●			
										●	●			Vibratory Head
								●						

CARIN CURRENTS
RESULTS, EFFICENCY AND INNOVATION

RESULTS

The aim of any professional is obtaining results. We work on that direction so that therapists' work is more efficient. For that reason, our effort to develop new technologies is focused on improving results of therapy and reducing number of treatments sessions. Some of these innovations –such as MegAA currents- have become essential in the daily work.

EFFICIENCY

The efficiency of MegAA currents has been demonstrated in practice being able to obtain a local analgesia after few minutes. On the other hand, quality and osseous consolidation are improved by means of applying Continuous and Organized Magnetic fields which are emitted by the Megasonic 510. ELECTROMEDICARIN wants to collaborate in the efficiency and efficacy of your work so as to help you where your hands can't get.

INNOVATION

Constantly advised by our expert collaborators who bring scientific knowledge of the rehabilitation and physiotherapy sector. We work on developing innovative and useful solutions for a real use and to cover real needs of the market.

1. MEGAA

Medium frequency currents are better known as tolerance and harmlessness currents as well as for their anti-inflammatory, analgesic and anesthesia effects.

There are electro-physiological studies that confirm that medium frequency currents stimulate the nervous fibber in an asynchronous way as sum of several waves (according to Gildemeister effect) and at a maximum frequency. Consequently, it causes a fast tiredness that can produce a block during the stimulation (Wedenski inhibition) or even araise pain threshold.

In 1996, Electromedicarin introduced in the Spanish market a new unit, Megasonic 313, that apart from a large number of different currents and TNS, it included a new current pre-defined at 5000Hz –continuous and pulsed application- that was called MegAA. The continuous application of this current showed on several experimental applications a special analgesic efficacy that in a lot of cases caused a lack of pain sensivity in the treated area of the stimulated nerve.

MegAA currents increase the analgesic efficiency of medium frequency currents or interferentials and the traditional TNS currents in orthopaedic, degenerative or inflammatory with pain and it helps the professional to do manipulations without pain thanks to that local analgesia.

CARIN CURRENTS
RESULTS, EFFICENCY AND INNOVATION

2. MAGNETIC FIELDS

The most studied and controlled application has been the delay of results in bone consolidation's treatments, pseudo degenerative osteoarthritis and Perthes in electromagnetic fields. Electromagnetic Fields are well know as being a non invasive and without risk treatment/technique.

When applying electromagnetic stimulus osseous cells respond modulating hormone activity, growing factors or mechanical power among others. That happens because of biopotentials of the bones in the diaphysis surface with negative voltage. When a fracture is produced, this negativity increases and it creates an activation signal of repairing processes. In pseudo degenerative osteoarthritis this negativity disappears and it can be treated by means of a local application of direct external currents or induced electromagnetic fields.

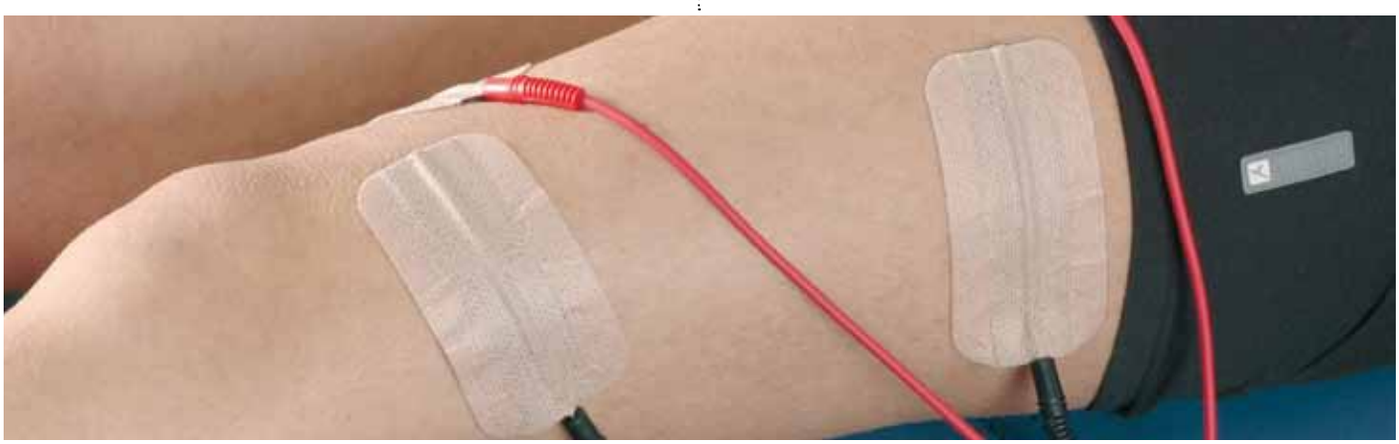
Some of its well-know effects are:

- Ionic movement to cell membrane sides changing their characteristics
- Partial pressure of oxygen increase
- Changes in perfusion and capillary speed of fabric terminals
- Vasodilatation by vegetative stimulus

Magnetotherapy can be used as an analgesic, anti-inflammatory and vasodilator.

It is recommended to use medium intensities from 50 to 100 Gauss when looking for an anti-edema, osseous consolidation or formation of scar ulcer action. Low intensities of less than 50 Gauss are suitable for analgesic treatments, myorelaxing and vasodilator. Sessions can last between 30 and 60 minutes during months in chronic or reparation processes and between 10 and 15 minutes in recently traumatisms or tendonitis.

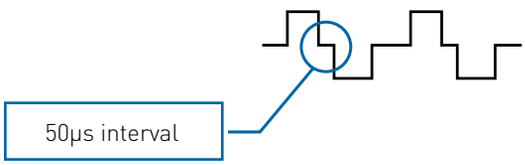
But so as to obtain an osseous consolidation with good quality it is necessary that cells are organised. This is only possible if the mains voltage is converted (with 50Hz frequency) and it is corrected. Once corrected, magnetic field is converted into a Continuous and Organised fields consequently ordering cells and helping them to accelerate osseous consolidation. The result: more efficiency, less treatment time and a better quality consolidation. Megasonic 510 is the only device in the market that has incorporated a transformer for the mains voltage.



3. OMEGA CURRENTS

The idea of leaving a pause between phases of tow-phase pulses was commented in electrotherapy studies such as "Clinic electrotherapy of Nelson and Curier" which mentioned some findings before 1980. They explained that when stimulation the outlying nerve applying symmetric two-phase currents is better, it needs less phase charge and it is better tolerated for the patient than interferential or Russian currents.

With an interval from 50 to 100µs between phases there is even less phase charge with the same stimulating effect and its is better tolerated than two-phase currents without pause. Because of that, Electromedicairn decided to introduce in its new TNS OMEGA a new current with these features: the Omega current.



Megasonic 900

Complete electrostimulation unit offering all the low and medium frequencies used in therapy

Colour graphic display of 5,7"

Menu navigator

3 independent channels

Low-and medium-frequency Universal Electostimulator for analgesia, strengthening and electrodiagnosis

DESCRIPTION

- 3 independent output channels and 25 different types of current, including MEGAA
- With compensated currents
  - No galvanic base decreases the risk of chemical burns
  - Depolarized currents allow treatment sessions to be performed that are as long as needed, even if there is a prosthesis, orthosis or implant, achieving much faster recovery
- Complete automatically-guided electrodiagnostic program
  - Includes recovery of denerved muscle groups
  - On-screen curves can be saved and superimposed, to follow the development of the condition.
  - I/T Curve: 10 reading points which automatically provider heobase and chronaxy
  - I/A Curve: with exponential impulses for early diagnosis of muscular denervation and to determine the most effective duration of exponential impulse for treatment, depending on the different phases
  - Accommodation Index or Quotient: Automatically processes the accommodation curve and obtains the value of the index
- Versatility: Muscle groups (including agonist/antagonist groups) can be synchronized by working the entire kinetic chain in the same session
- The display shows all the parameters and electrode positioning for the condition to be treated

TECHNICAL CHARACTERISTICS

- Mains voltage:	220 V (±10%) (220 V Version)
	110 V (±10%) (110 V Version)
- Mains frequency:	50 / 60 Hz
- Max. power consumption:	50 VA
- Dimensions:	32 x 32 x 18 cm
- Weight:	4 kg

TREATMENT MEMORY

1. CARIN Treatments: 110 pre-set simple treatments and 21 linked treatments
2. USER Treatments: memory available for creating, modifying and deleting up to 88 treatments
3. Linked treatments can be created for different phases of the session

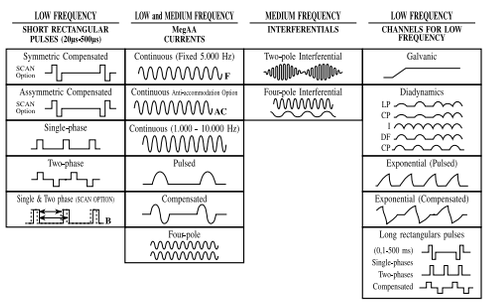
STANDARD ACCESSORIES

11E000000025	MEGASONIC 900
11A00CAB0045	1 Patient cable black
11A00CAB0044	2 Patient cable red
11A00SON0011	6 Silicone electrodes 60 x 80 mm
11A00FUN0006	6 Electrode covers 60 x 80 mm
11A00SON0042	4 Disposable electrodes 50 x 100 mm
12A00FUN0002	6 Elastic bandages 75 cm
11A00CAB0005	1 1 A/C Cable
1 User Manual / 1 Guarantee	

OPTIONAL ACCESSORIES

11A00SON0024	Vaginal stimulation electrode (incontinence)
11A00SON0026	Vaginal stimulation electrode new generation Perisize 4+
11A00CAB0050	Manual stimulation electrode
11A00SON0014	Disposable electrodes 50x50mm
11A0000000002	Patient cable with button
11A00CAB0051	Interconnection cable Vacuocarin - Megasonic 900
11A00SON0007	Silicone electrode 30 x 50 mm
11A00SON0012	Silicone electrode 80 x 125 mm
11A00FUN0007	Electrode cover 30 x 50 mm
11A00FUN0005	Electrode cover 80 x 125 mm
12A00FUN0001	Elastic bandage 40 cm

CURRENTS



Megasonic A313

Complete electrostimulation unit with 6 independent output channels, all the low and medium frequenciess

Colour graphic display of 5,7"

Selection of parameters by encoder

6 independent outputs

Universal Polivalent Electrostimulator of low and medium frequency with 6 channels that can be used as 3 four-pole outputs for interferential treatments

DESCRIPTION

- 6 independent output channels and 13 different types of current, including MEGAA
- 3 four pole outputs where you can treat three different patients at the same time.
  - 4 Work vectors (Classic, Balance, Circular and Linear)
- With compensated currents
  - No galvanic base decreases the risk of chemical burns
  - Depolarized currents allow treatment sessions to be performed that are as long as needed, even if there is a prosthesis, orthosis or implant, achieving much faster recovery
- Versatility: Muscle groups (including agonist/antagonist groups) can be synchronized by working the entire kinetic chain in the same session
- 5,7" Colour LCD display that shows all the parameters and electrode positioning for the condition to be treated.

TREATMENT MEMORY

1. CARIN Treatments: 83 pre-set simple treatments and 15 linked treatments
2. USER Treatments: memory available for creating, modifying and deleting up to 88 treatments
3. Linked treatments can be created for different phases of the session

TECHNICAL FEATURES

- Mains voltage:	220 V (±10%) 110 V (±10%)
- Mains frequency:	50 / 60 Hz
- Max. power consumption:	50 VA
- Dimensions:	33 x 31 x 18 cm
- Weight:	6 kg

STANDARD ACCESSORIES

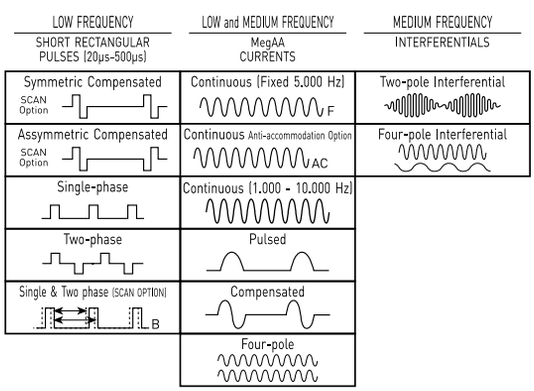
11E000000031	MEGASONIC A313
11A00CAB0045	3 Patient cable black
11A00CAB0044	3 Patient cable red
11A00SON0011	6 Silicone electrodes 60 x 80 mm
11A00FUN0006	6 Electrode covers 60 x 80 mm
11A00SON0013	4 Disposable electrode 50 x 100mm
11A00SON0014	4 Disposable electrode 50 x 50 mm
12A00FUN0002	6 Elastic bandage 75 cm
11A00CAB0005	1 A/C Cable

1 User Manual / 1 Guarantee

OPTIONAL ACCESSORIES

11A00SON0024	Vaginal stimulation electrode (incontinence)
11A00SON0026	Vaginal stimulation electrode new generation Perisize 4+
11A00CAB0050	Stimulation manual electrode
11A000000002	Patient cable with button
11A00SON0007	Silicone electrode 30 x 50 mm
11A00SON0011	Silicone electrode 60 x 80 mm
11A00SON0012	Silicone electrode 80 x 125 mm
11A00FUN0007	Electrode cover 30 x 50 mm
11A00FUN0006	Electrode cover 60 x 80 mm
11A00FUN0005	Electrode cover 80 x 125 mm
11A00SON0014	Disposable electrode 50 x 50 mm
11A00SON0013	Disposable electrode 50 x 100 mm
12A00FUN0001	Elastic bandage 40 cm

CURRENTS



Megaa 313

MEGAA medium frequency analgesic currents developed by ELECTROMEDICARIN, shown to be more effective than traditional TENS

Timer

Potentiometer

Portable unit for pain relief in the hospital/clinic or at home

DESCRIPTION

- 2 independent outputs
- Medium-frequency (5.000Hz) currents
  - Depolarized currents allow treatment sessions which are as long as needed, even if there is a metal implant, making for a much quicker recovery
  - No galvanic base means no risk of chemical burns.

EASE OF USE

The MEGAA 313 is a device that is very easy-to-use. Just place the electrodes on the painful area and increase the intensity until the patient feels something.

TECHNICAL CHARACTERISTICS

- Voltage	220 V
- Consumption	25 W
- Dimensions	25 x 28 x 10 cm
- Weight	2 kg

MEGAA 313 APPLICATIONS

The most frequent treatments are:

- Traumatic, degenerative or painful inflammatory processes
- In general, all acute pain
- Muscle spasms

It also offers the possibility of carrying out painless mobilizations or manipulations (even after surgery) due to the local semi-anesthesia (parexia) it provides.

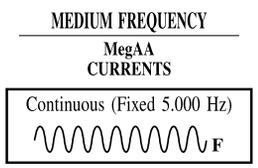
STANDARD ACCESSORIES

11E000000027	MEGAA 313
11A00CAB0025	1 Patient cable
11A00SON0011	4 Rubber electrodes 60 x 80 mm
11A00FUN0006	4 Electrode covers 60 x 80 mm
11A00SON0014	4 Disposable electrodes 50 x 50 mm
12A00FUN0002	4 - 75cm Elastic bandages
11A00CAB0005	1 A/C cable
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

11A00SON0007	Rubber electrodes 30 x 50 mm
11A00SON0012	Rubber electrodes 80 x 125 mm
11A00FUN0007	Electrode covers 30 x 50 mm
11A00FUN0005	Electrode covers 80 x 125 mm
12A00FUN0001	40cm Elastic bandages
11A00SON0013	Disposable electrodes 50 x 10 0mm
11A00ELE0001	Patient cable with button
12A00MAL0006	Carrying case
11E000000021	MEGAA 313 (previous version – without injection connection)
	Patient cable code without injection connection
11A00CAB0024	1 black patient cable
11A00CAB0025	1 red patient cable)

CURRENTS



Megasonic 313 P4

Developed to enable treatment of all innervated muscle disorders in which (low frequency) electrotherapy is necessary, including programs for the specific treatment of incontinence

LCD graphic display

Control Panel

Up to 4 independent channels

Portable 4 independent output unit for electrotherapy and incontinence

DESCRIPTION

- With compensated currents
  - No galvanic base decreases the risk of chemical burns
  - Depolarized currents allow treatment sessions lasting as long as necessary, even if there is a prosthesis, orthosis or implant, for much faster recovery
- 4 types of current: Single-phase TENS, two-phase TENS, Compensated Symmetrical, Compensated Asymmetrical
  - **Pulse width**: 20 – 350 µs
  - **Frequency:** 1 – 200 Hz
  - **Intensity:** 90m A (1.000 Ω)
- **Versatility:**
  - Microprocessor allows parameters to be varied easily and treatments to be personalized and also allows the therapist to work with different patients/athletes at the same time
  - Synchronization of several muscle groups (including agonist/antagonist muscle treatments) working the entire kinetic chain in one and the same session
- Portable treatment unit for hospitals/clinics or the home

TREATMENT MEMORY

❶ 1. **CARIN treatment programs: 38 pre-set programs for:**
   a. Muscular atrophy
   b. Muscle strengthening
   c. Recovery from sporting injuries
   d. Tonolisis
   e. Pain relief
   f. Urinary incontinence

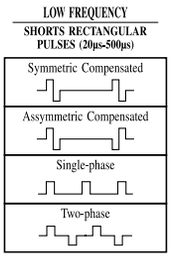
❷ Memory available so that therapists can very easily create, modify and delete their own simple treatments.

❸ Linked Treatments to determine different phases of the session. For example: "warm-up-strengthening-relaxation"

TECHNICAL CHARACTERISTICS

- **Voltage:** 220 V
- **Power consumption:** 30 W
- **Dimensions:** 25 x 28 x 10 cm
- **Weight:** 2 kg

CURRENTS



STANDARD ACCESSORIES

11E000000029	MEGASONIC 313 P4
11A00CAB0005	4 Patient cables
11A00SON0011	4 Rubber electrodes 60 x 80 mm
11A00FUN0006	4 Electrode covers 60 x 80 mm
11A00SON0013	4 Disposable electrodes 50 x 100mm
12A00FUN0002	4 Elastic bandages 75 cm
11A00CAB0005	1 A/C cable
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

11A00CAB0050	Manual stimulation electrode
11A0000000002	Patient Cable with button
11A00SON0024	Vaginal stimulation electrode (incontinence)
11A00SON0026	Vaginal stimulation electrode new generation Perisize 4+
11A00SON0014	Disposable electrodes 50 x 50 mm
11A00SON0007	Silicone electrode 30 x 50 mm
11A00SON0012	Silicone electrode 80 x 125 mm
11A00FUN0007	Electrode cover 30 x 50 mm
11A00FUN0005	Electrode cover 80 x 125 mm
12A00FUN0001	Elastic bandages 40 cm
12A00MAL0006	Carrying case

Megasonic 313

Low-frequency, easily-programmed electrotherapy unit that allows the therapist to use all applicable treatments for innervated musculature disorders.

LCD graphic display

Menu Navigator

6 independent outputs

Electrostimulation and analgesia unit with 6 independent output channels of low frequency and MEGAA currents

DESCRIPTION

- 8 different types of current - MEGAA currents incorporated
- Compensated Currents
  - No galvanic base decreases the risk of chemical burns
  - Depolarized currents allow treatment sessions that are as long as needed, even if there is a metallic implant, for much faster patient recovery
- With a microprocessor which allows parameters to be easily varied and personalized for each patient
- Several patients can be worked with simultaneously and several muscle groups can be synchronized - even in agonist/antagonist treatments - thereby optimizing treatment time and patient recovery
- Liquid crystal display shows all treatment parameters

APPLICATIONS

Being set in plaster - after surgical intervention, acute post-operative pain - post-CVA - facilitating muscle re-education - strengthening during sports training and recovery of muscle mass - spasticity treatment - chronic pain in the locomotory apparatus - neuritic pain, neuralgic pain - radicular pain - pain in deep structures - movement with adhesions local anesthesia – incontinence - atrophy

TREATMENT MEMORY

1. CARIN Treatments: 43 pre-established programs for strengthening, tonolisis, treatment of atrophy and pain relief, amongst other things
   a. Optional: can be used to treat incontinence
2. User Treatments: memory available for the user to easily create, modify and delete their own treatments, both simple (up to 70) and linked
3. Linked Treatments for determining different phases of the session. For example: "warm-up-strengthening-relaxation"

TECHNICAL CHARACTERISTICS

- Voltage:	220 – 110 V (±10%) / 50 – 60Hz
- Power Consumption:	60 W
- Dimensions:	37 x 29 x 10 cm
- Weight:	5 Kg

STANDARD ACCESSORIES

11E000000016	MEGASONIC 313
11A00CAB0044	6 Patient cables
11A00SON0011	6 Rubber electrodes 60 x 80 mm
11A00FUN0006	6 Electrode covers 60 x 80 mm
11A00SON0013	8 Disposable electrodes 50 x 100 mm
12A00FUN0002	6 elastic bandages 75 cm
11A00CAB0005	1 A/C cable
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

11A00CAB0050	Manual stimulation electrode
11A00SON0024	Vaginal stimulation electrode (incontinence)
11A00SON0026	Vaginal stimulation electrode new generation Perisize 4+
11A00SON0014	Disposable electrodes 50 x 50 cm
11A00SON0007	Silicone electrode 30x50 mm
11A00SON0012	Silicone electrode 80x125 mm
11A00FUN0007	Electrode covers 30 x 50 mm
11A00FUN0005	Electrode covers 80 x 125 mm
12A00FUN0001	Elastic bandage 40 cm

CURRENTS

LOW FREQUENCY SHORT RECTANGULAR PULSES (20µs-500µs)	LOW & MEDIUM FREQUENCY MegAA CURRENTS
Symmetric Compensated	Continuous (Fixed 5.000 Hz) F
Assymmetric Compensated	Continuous (1.000 - 10.000 Hz)
Single-phase	Pulsed
Two-phase	Compensated

Interferencial 94

Very easy-to-use unit. Classic medium-frequency current equipment that can be used with suction electrode equipment (Vacuocarin)

LCD graphic display

Intensity potentiometer

Four-pole output

Programmable Universal Unit with two independent four pole outputs

DESCRIPTION

- 2 independent four pole outputs makes it possible to perform two different treatment with the same device
- Medium Frequency Currents
  - Base or carrier frequency from 1.000 to 10.000 Hz (in 100 Hz increments)
  - 0 to 25 s pulse train time. 0 to 25 s pause time
  - Ramps: programmable rises and falls
  - F.M.A.: from 0 to 250 Hz (all times are standard and programmable)
  - Modulation sequence: Square, Trapezoid and Triangular
  - Selection or configuration of work sequences
  - Several currents can be linked in the same treatment
  - 4 Vectores de trabajo (Clásico, Balance, Circular y Lineal)
- Simple connection to the Vacuocarin (depressotherapy unit)
- Liquid crystal display shows all treatment parameters

TREATMENT MEMORY

1. CARIN Treatments: 47 programs saved and organized by pathology

2. USER Treatments: memory available for the user to program their own treatments, both simple (up to 100) or linked (up to 25).

TECHNICAL CHARACTERISTICS

- Voltage:	220 – 110 V (±10 %)/50 – 60 Hz
- Power rating:	60 W
- Dimensions:	37 x 29 x 10 cm
- Weight:	4 Kg

APPLICATIONS

Particularly indicated to treat the following disorders:

- Lumbar pain
- Cervical pain
- Painful Movements
- Muscular Atrophy
- Contusions
- Epicondylitis
- Fibromyalgia
- Reabsorption of Haematomas

STANDARD ACCESSORIES

11E000000009	INTERFERENCIAL 94
11A00CAB0017	2 patient cables
11A00SON0011	8 Rubber electrodes 60 x 80 mm
11A00FUN0006	8 Electrode covers 60 x 80 mm
11A00SON0013	4 disposable electrodes 50 x 100 mm
12A00FUN0002	8 - 75 cm elastic bandages
11A00CAB0005	1 A/C cable

1 User Manual / 1 Guarantee

OPTIONAL ACCESSORIES

11A00SON0007	Silicone electrode 30 x 50 mm
11A00SON0012	Silicone electrode 80 x 125 mm
11A00FUN0007	Electrode cover 30 x 50 mm
11A00FUN0005	Electrode cover 80 x 125 mm
11A00SON0014	Disposable electrodes 50 x 50 mm
11A00SON0013	Disposable electrodes 50 x 100 mm
12A00FUN0001	Elastic bandage 40 cm
11A00CAB0015	Interconnection cable Vacuocarin-Interferencial 94

CURRENTS

LOW & MEDIUM FREQUENCY MegAA CURRENTS	MEDIUM FREQUENCY INTERFERENTIALS
Continuous (Fixed 5.000 Hz) F	Two-Pole Interferencial
Continuous (1.000 - 10.000 Hz)	Four-Pole Interferential
Four-Pole	

Megasonic 313 SPORT

Portable device with 4 independent channels for muscle electrostimulation and pain relief

LCD graphic display

Control panel through membrane keyboard

Charger connection

Portable low-frequency professional unit for use at home, in sports medicine or in clinics

DESCRIPTION

- 4 Independent outlet channels
- 4 Types of synchronism: Independent, Synchronous, Sequential, Active relaxation
- Versatility:
  - Microprocessor allows parameters to be varied easily and treatments to be personalized and also allows the therapist to work with different patients/athletes at the same time
  - Synchronization of several muscular groups (including agonist/antagonist muscle treatments) working the entire kinetic chain in the same session
- Dosage at constant current or voltage I/V
- 128x64mm monochrome LCD graphic display
- With Battery and Charger: 6 internal batteries which can be recharged in 4 hours
- Long battery life: up to 4 hours when using all 4 channels, compensated asymmetrical current, 250µs width, 60Hz frequency and 50mA current

TREATMENT MEMORY

1. CARIN Treatments: 45 simple pre-programmed treatments for strengthening, sporting injuries, tonolisis, muscle atrophy, spasms and analgesia, amongst other things.

2. USER Memory: available for creating, modifying and deleting your own simple treatments (up to 20)

3. Possibility of creating linked treatments (up to 10) for determining different phases (up to 3) of the session.

TECHNICAL CHARACTERISTICS

- Mains voltage:	230 V (±10%) (230 V Versión) 115 V (±10%) (115 V Versión)
- Mains frequency:	50/60 Hz
- Power consumption at rest:	1,5 VA
- Max. power consumption:	14 VA
- Equipment dimensions:	11 x 4,5 x 15 cm
- Weight:	430 g
- Batteries:	6 baterías recargables internas de NiMH

STANDARD ACCESSORIES

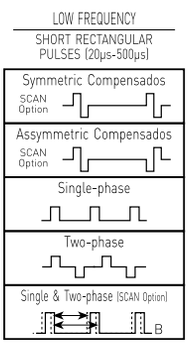
11E000000020	MEGASONIC 313 SPORT NV
11A00CAB0044	4 patient cables
11A00SON0013	4 Adhesive electrodes size 50 x 100 mm
11A00SON0014	4 Adhesive electrodes size 50 x 50 mm
12A000000003	1 power supply
12A00FUN0001	1 carrying case

1 User/Application manual
1 Guarantee

OPTIONAL ACCESSORIES

11A00SON0007	Electrodo silicona 30 x 50 mm
11A00SON0012	Electrodo silicona 80 x 125 mm
11A00FUN0007	Funda electrodo 30 x 50 mm
11A00FUN0005	Funda electrodo 80 x 125 mm
11A00SON0014	Adhesive electrodes size 50 x 50 mm
12A00FUN0001	Elastic bandage 40 cm
12A00FUN0002	Elastic bandage 7 5cm

CURRENTS



TNS Omega

Low-frequency, multi-purpose, easy-to-use professional equipment which not only administers pain relief, but can also be used to carry out relaxation and strengthening treatments

Charger connection

Control Panel

LCD graphic display

Professional unit for pain relief, relaxation and strengthening

DESCRIPTION

- 2 independent dosage outputs
- OMEGA currents – compensated symmetrical currents with interval
  - 30 to 400 µs semi-pulse length
  - 50 µs lapse between semi-pulses
- 3 Types of synchronism: independent, agonist antagonist and active relaxation
- Automatic shutdown function avoids draining the batteries when the equipment is out of use
- PATIENT MODE or BLOCKED MODE: In this mode, the equipment is blocked and only the previously- established course of treatment can be accessed. In this way, it is intended that the patient takes the equipment home and uses it by just pushing the button. The doctor or physiotherapist subsequently monitors the frequency and time of use. On the other hand, a record is kept of the day on which treatment was applied and its length.
- With external charger: 3 internal batteries which can be recharged in 4 hours and which last for 3 hours non-stop under the following conditions:
  - 2 active channels, compensated symmetrical currents, 250 µs width, 60 Hz frequency, no bursts, 50 mA output intensity.
  - LCD screen with two 16-character lines.

TECHNICAL CHARACTERISTICS

- Mains voltage:	100 V - 240 V
- Mains frequency:	50 / 60 Hz
- Max. consumption:	14 VA
- Approx. charge time:	4 h
- Dimensions:	11 x 15 x 4.5 cm
- Weigh:	200 g

- LDC Display with 2 lines, 16 characters per line

TREATMENT MEMORY

1. CARIN Treatments: 27 simple treatments, 4 linked treatments
2. USER Treatments: Memory available for the user to create, modify and delete their own treatments (up to 50 simple treatments and 25 linked treatments)

STANDARD ACCESSORIES

11E000000024	TNS OMEGA
11A00CAB0044	2 Patient cables
11A00SON0014	4 Disposable electrodes 50 x 50 mm
11A00SON0013	4 Disposable electrodes 50 x 100 mm
12A00MAL0004	1 Carry-case
12A000000002	1 Power pack for charging batteries TNS Omega
11A00CAB0005	1 A/C Cable

1 User Manual / 1 Guarantee

OPTIONAL ACCESSORIES

11A00SON0011	Silicone electrode 60 x 80 mm
11A00SON0024	Vaginal stimulation electrode (incontinence)
11A00SON0026	Vaginal stimulation electrode new generation Perisize 4+
11A00CAB0050	Manual stimulation electrode
11A00FUN0006	Electrode cover 60 x 80 mm
11A00FUN0005	Elastic bandage 75 cm
12A00FUN0001	Elastic bandage 40 cm

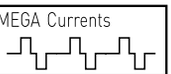
CURRENTS

LOW FREQUENCY

PULSOS RECTANGULARES CORTOS

OMEGA Currents

SCAN Option



carin HEADS' INFORMATION

ERGONOMICS , FUNCTIONALITY AND EFFICIENCY

Ergonomics

Electromedicarin has patented a head design that allows professionals to perform comfortably and with total mobility, adapting perfectly to their way of working

Efficiency

Capable of self-adjusting thanks to a micro-processor - located inside each head - containing memorized technical data about the head. Each time the unit is switched on or a new course of treatment is begun, this micro-chip performs an automatic test and self-adjusts to the technical data if necessary. Maximum performance is obtained from the equipment and head in this way, guaranteeing that the generated wave is correctly emitted.

Functionality

The head itself tells us the correct emission, and therefore the actual treatment carried out, by lighting up at the moment it comes into contact with the patient. This allows us to monitor the actual treatment time. Two types of head have been designed: heads for treating larger, more easily-accessible areas and others for more specific, more precise applications with poor accessibility.

HEAD INNOVATIONS

1. SCAM Emission Mode

This mode is a world innovation by ELECTROMEDICARIN. It is a pulsed ultrasound mode that cyclically varies frequency between 250 and 111Hz.
2:2/2:2.5/2:3/2:3.5/2:4/2:4.5/2:5/2:5.5/2:6/2:6.5/2:7
(2:2 = 250Hz ..... 2:7 = 111Hz)
The SCAM mode works at an intermediate level between continuous and pulsed mode. Although semi-thermal pulses and higher average energy are applied, no significant thermal effects are produced, and so it does not carry the same contraindications as the continuous mode. These peaks of higher energy boost the action of the US and probably sonophoresis with therapeutic gels which, according to some publications, is more efficient with the pulsating mode than with the continuous one.

SCAM-mode frequency scanning strengthens the acoustic flow and micro-massage effect on the cell membrane and adapts better to each tissue's own resonance, increasing anti-inflammatory effects, and reducing oedemas and analgesia.

This is the optimum emission mode for both acute and sub-acute inflammatory processes and is more effective than any pulsed mode.

Cyclically varying the frequency reduces the formation of hot spots as the head is moved in small areas since peak intensities do not repeat in an equidistant way.

The SCAM mode makes irradiation more uniform during head movements since the distance between peaks varies and makes it almost impossible for hot spots to coincide in successive scans, even if these are small and slow.

Therefore, all of these differences in the physical behavior of the SCAM mode increase the effectiveness and safety of traditional pulsed ultrasounds and represent a breakthrough in the treatment of osteoarticular and related muscular diseases

carin HEADS' INFORMATION

ERGONOMICS , FUNCTIONALITY AND EFFICIENCY

2. Mechanical Head Vibration

An additional "mechanical vibration" option can be selected from the equipment control panel. The head will continue to have the same emission modes and the same characteristics with this additional option.

The mechanical vibration of the head allows a light massage to be given while carrying out treatment, making it more pleasant for the patient, and without the need for any effort on behalf of the professional

GENERAL DESCRIPTION

- Heads with different emission frequencies: Single frequency at 1MHz and dual frequency at 1 & 3 MHz
- 2 Heads: for treating large areas (large head – 6cm2 ERA) which are easily-accessible, and for smaller, hard-to-access zones (small head –1.6cm2 ERA)
- Heads which may be immersed in water (for underwater treatments)
- Intelligent Head
  - Starts to emit when it comes into contact with the zone to be treated, not with the transmission medium (water or gel), and stops emitting when there is no contact, thereby ensuring that the programmed treatment is completely received by the patient (treatment time is related to actual contact time)
- With illumination
  - The head lights up when it is emitting so the actual treatment may be seen
- Self-adjustable
  - Before starting a session, the head automatically self-adjusts the pre-programmed calibration characteristics so as to work at full capacity during the treatment. Continual adjustment of the heads ensures that the wave generated by the apparatus is correctly emitted.
- 3 emission forms: continuous, pulsed (1ms and 2ms pulses) and SCAM mode
- The ultrasound generator is made of titanium zirconate glass

TECHNICAL CHARACTERISTICS

1MHz single frequency head

Output frequency	1 MHz (±3 %)
Emission	Continuous, pulsed and SCAM
Maximum Peak Output	15 W
Max. effective intensity at 1MHz	2.5 W/cm2
ERA	6cm2
BNR (intensity rate)	< 5
Max. dosage time	30 min. (1 minute resolution)
Outut frequency	1MHz ó 3MHz ±3 %
Work cycle	Continuous output 100 %
	Pulsed 2:8
	20 % (2ms ON, 8ms OFF)

TECHNICAL CHARACTERISTICS	SMALL HEAD	LARGE HEAD	VIBRATORY HEAD
Max. output power 1 MHz	4 W	15 W	12 W
Max. output power 3 MHz	3.2W	12W	10.2 W
ERA	1.6cm2	6cm2	6 cm2
Max. Effective Intensity at a 1 MHz	2.5 W/cm2	2.5 W/cm2	2 W/cm2
Max. Effective Intensity at 3 MHz	2 W/cm2	2 W/cm2	1.7 W/cm2
BNR (intensity rate)	< 5	< 5	< 5

2. Dual frequency heat 1 & 3 MHz (normal and vibratory)

Output frequency	1 MHz (±3 %) y 3.2 MHz (±3 %)
Emission	Continuous, Pulsed and SCAM
Maximum Peak Output	< 10 % (during < 2 ms)
Maximum dosage time	30 minutes (1 minute resolution)
Output frequency	1MHz ±3 %
Work cycle	Continuos 100 %
	Pulsed 1:9: 10 % (1 ms ON, 9ms OFF)
	Pulsed 2:8: 20 % (2 ms ON, 8ms OFF)
	Pulsed SCAM and 22 % y 55 %
	(2ms ON, variable OFF time)
Ultrasound Transducer	Titanium Zirconate Ceramic
Head self-adjustment	Built-in microchip in the head
Contact control	Luminous

Megasonic 700

Complete 1 & 3MHz ultrasound unit. Incorporates up to 143 standard treatments in its memory to help and facilitate the work of the physiotherapist

Colour graphic display of 5,7"

Menu navigator

Potentiometer

Functionality in ultrasonic treatment

DESCRIPTION

- Two dual frequency 1 & 3 MHz heads
- 3 modes of emission: Continued, Pulsed and SCAM (world innovation by ELECTROMEDICARIN, see CARIN heads' information)
- 5.7" colour graphic display (320 x 240 pixels)

STANDARD ACCESSORIES

11E0000000043	MEGASONIC 700
11A00CBZ0004	1 large 6cm2 dual frequency head
13A00FNG0001	1 250 g can of gel
11A00CAB0005	1 A/C cable
1 User Manual	
1 Guarantee	

GENERAL TECHNICAL CHARACTERISTICS

- Mains Voltage:	230 V ±10% (230 V versión)
	115 V ±10% (115 V versión)
- Mains frequency:	50 / 60 Hz
- Max. power consumption:	60 VA
- Dimensions:	32 x 32 x 18 cm
- Weight:	4 Kg

OPTIONAL ACCESSORIES

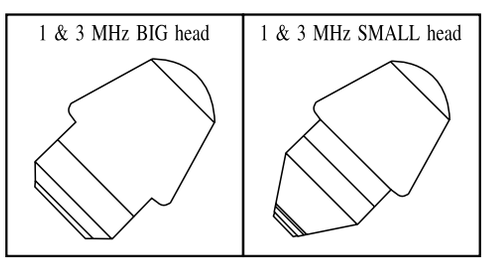
11A00CBZ0003	1.6 cm^2 small dual frequency head
11A00FNG0002	Caringel (carrafe 5 L with 1 empty can)
12A00FNG0001	Emtpy Caringel can (250 ml

TREATMENT MEMORY

❶ CARIN Treatments: 143 saved treatments organized by disorder.

❷ USER Treatments: capable of saving up to 30 treatments created by the physiotherapist or of storing modifications made to CARIN treatments by the user.

ULTRASOUNDS



Megasonic 210

New design of equipment fitted with the very latest technology. Light, functional, with multiple features for applying ultrasound therapy

LCD 20x4 letters display

Menu navigator

VIBRATORY head

The most advanced unit for ultrasonic therapies with the latest innovation: the vibratory head. For multi-purpose use in clinics or portable for use in the home

The latest innovation included in Electromedicarin's Ultrasounds range. Top quality elements incorporated in the new Megasonic 210 for a lighter and more functional design affording several benefits in the application of ultrasound therapy.
The great innovation in the device is the VIBRATING DUAL FREQUENCY large head which brings together two main benefits key for the ultrasounds therapy:
1. During the application a vibrational therapy is performed. This vibration is specially designed to work on the rehabilitation of the propioceptive system as well as local analgesia in the target area
2. Makes the treatment more pleasant for the patient thanks to a micromassage which is performed during application of the ultrasounds
It generates 1 and 3MHz ultrasounds in the same head-continuous, pulsed or SCAM mode- and simultaneously it vibes.

DESCRIPTION

- Two 1 and 3 MHz dual frequency heads (see CARIN head's information)
- Very easy to use
- Muy fácil manejo
- Programmed by means of a revolving Encoder
- Ergonomic design, with holders for integrated heads
- Two kinds of dual-frequency heads (1 & 3 MHz)
- Vibrating dual frequency large head - 6 cm2
- Small dual frequency small head without vibration- 1,6 cm2
- The head emits at 1 and 3 MHz in 3 emission modes: Continuous, Pulsed and SCAM
- Easy-to-use
- Programming through an encoder
- Ergonomic and Light design, with supports for the heads

TECHNICAL CHARACTERISTICS

- Mains voltage:	90 – 240 V
- Mains frequency:	50 / 60 Hz
- Consumption:	30 W
- Dimensions:	25 x 32 x 10 cm
- Weight:	2 Kg
- Large head ERA:	6 cm2
- Head illumination:	En contacto
- W/cm2 Continuous:	2.5 W/cm2
- W/cm2 Pulsed:	2.5 W/cm2
- BNR:	Máx. 5
- Lateral radiation:	< 6 mW/cm2
- Large head:	With vibration

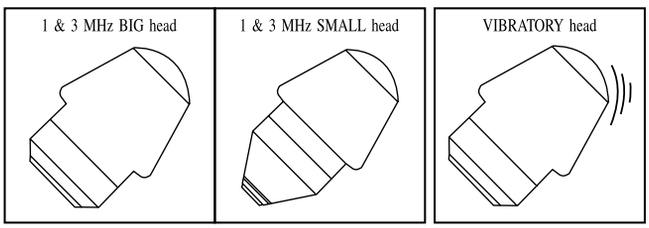
STANDARD ACCESSORIES

11E00000045A	MEGASONIC 210
11A00CBZ0005	1 – Large Vibrating 6 cm^2 and 1 & 3 MHz head
13A00FNG0001	1 - Can of CarinGel (250ml)
11A00CAB0005	1 A/C Cable
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

11A00CBZ0003	Small 1.6 m^2 1 & 3 MHz head (without vibration)
12A00MAL0006	Carrying case
11A00FNG0002	Caringel (Carrafe 5 L with 1 empty 250 ml can)
12A00FNG0001	Empty Can of CarinGel (250 ml)

ULTRASOUNDS



Megasonic 212K

Light, easy-to-use device, ideal for treatment both at home and in hospitals and clinics. Its quality-price relationship mean it stands out from the other units on the market

Ultrasound dose potentiometer

Timer

Basic portable unit for ultrasound treatment

DESCRIPTION

- One 1 MHz single frequency head (see CARIN head characteristics)
- 2 emission modes: Continued and Pulsed
- May be used both in hospitals/clinics and in the home with the same performance
- Easily programmed

TECHNICAL CHARACTERISTICS

- Mains voltage:	220 – 110 V (±10 %)
- Mains frequency:	50 / 60 Hz
- Power consumption:	30 W
- Equipment dimensions:	9 x 25 x 28 cm
- Weight:	2 Kg
- ERA cabezal grande:	6 cm2
- Large head ERA:	In contact
- Head illumination:	2.5 W/cm2
- W/ cm2 Continuous:	2.5 W/cm2
- BNR:	Máx. 5
- Lateral radiation:	< 6 mW/cm2

11E0000000037	**MEGASONIC 212K (with carrying case)**
11E000000037A	**MEGASONIC 212K (with head-holder)**

STANDARD ACCESSORIES

11A00CAB0005	1 A/C cable
11A00CBZ0002	1 Large Head - 6 cm²
13A00FNG0001	1 (250 ml) Can of CARIN Gel
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

12A00MAL0001	Carrying case
12A00SOP0001	Head holder
11A00FNG0002	Caringel (carrafe 5 L with 1empty can)
12A00FNG0001	Empty Caringel can (250 ml)

ULTRASOUNDS

Megasonic 212 P

Combined ultrasound and TENS therapy

Timer

TNS currents potentiometer

Easy-to-use combined device (1MHz ultrasound and low-frequency currents)

DESCRIPTION

- 2 output channels for TENS currents
- One 1MHz single frequency ultrasound head (see CARIN head characteristics)
- 4 Types of therapy
  - Continuous ultrasound regime
  - Ultrasound in impulses
  - TENS currents (one or two outputs)
  - Combined ultrasound/TENS therapy

GENERAL TECHNICAL CHARACTERISTICS

- Mains voltage:	110 – 220 V
- Mains frequency:	50 / 60 Hz
- Power consumption:	30 W
- Dimensions:	9 x 25 x 28 cm (ancho/fondo/alto)
- Weight:	4 Kg

TECHNICAL CHARACTERISTICS OF TENS CURRENTS

-Two channels:	A and B outputs
- Frequency:	from 1 to 200 Hz
- Pulse Width:	from 30 to 280 µs
- Impulse trains from:	1 to 10 s
- Intensity:	60 mA per output

11E000000040	**MEGASONIC 212P – 1 head and case**
11E000000040A	**MEGASONIC 212P – 1 head and holder**
11E000000040B	**MEGASONIC 212P – 2 heads and case**
11E000000040C	**MEGASONIC 212P – 2 heads and holder**

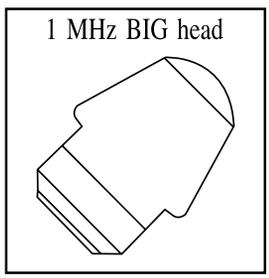
STANDARD ACCESSORIES

11A00CBZ0002	1 Large head - 6 cm²
11A00CAB0021	2 Patient cables
11A00CAB0022	1 Megasonic 212P combined cable
11A00SON0007	4 Silicone electrodes 30 x 50 mm
11A00FUN0007	4 Electrode covers 30 x 50 mm
11A00SON0013	4 Disposable electrodes 50 x 100 mm
12A00FUN0001	4 Elastic bandages 40 cm
11A00CAB0005	1 A/C Cable
13A00FNG0001	1 - 250 ml Can of Caringel
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

12A00SOP0001	Head holder
12A00MAL0001	Carrying case
11A00CBZ0001	Small head - 1.6 cm²
11A00FNG0002	Caringel (carrafe 5 L with 1 empty can 250 ml)
12A00FNG0001	Empty can 250 ml
11A00SON0011	Silicone electrodes 60 x 80 mm
11A00SON0012	Silicone electrodes 80 x125 mm
11A00FUN0006	Electrode covers 60 x 80 mm
11A00FUN0005	Electrode covers 80 x 125 mm
12A00FUN0002	Elastic bandages 75 cm

ULTRASOUNDS



Megasonic 226

Combined ultrasonic and MEGAA current treatment

LCD graphic display

Ultrasound dose potentiometer

MegAA currents potentiometer

Offers the possibility of combining 1MHz ultrasound with medium-frequency (MEGAA) currents

DESCRIPTION

- One or two mono-frequency 1MHz head
- 3 modes of emission: Continued, Pulsed and SCAM (world innovation by ELECTROMEDICARIN, see CARIN heads' information)
- Two output channels
- MEGAA currents (an innovation from ELECTROMEDICARIN)
- Combined treatment which allows the therapist to work with the effects of both modes (US = ANTI-INFLAMMATORY + MEGAA = ANALGESIA)
- Liquid crystal display

PRE-PROGRAMMED TREATMENTS

CARIN Treatments: 82 standard programs organized into 4 categories:

- **Ultrasound**
- **MEGAA currents**
- **Combined therapy (US+MEGAA)**
- **Underwater combined therapy** (US+MEGAA under water)

CARACTERÍSTICAS TÉCNICAS GENERALES

- Mains voltage:	220 V ±10% (220 V version) 110 V ±10% (110 V version)
- Mains frequency:	50 / 60 Hz
- Consumption:	65 VA (at full power in combined mode)
- Dimensions:	37 x 28,5 x 9cm
- Weight:	6 kg

CURRENTS

LOW & MEDIUM FREQUENCY

MegAA CURRENTS

Continuous (Fixed 5.000 Hz) F

Continuous Anti-accommodation Option AC

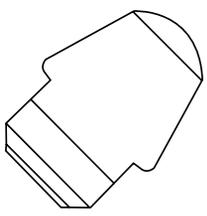
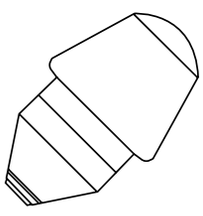
STANDARD ACCESSORIES

11E000000041	MEGASONIC 226 (1 head)
11E000000041A	MEGASONIC 226 (2 heads)
11A00CBZ0002	1 Large head - 6 cm2
12A00SOP0001	1 Head Holder
11A00CAB0024	1 Patient cable black
11A00CAB0025	1 Patient cable red
11A00CAB0030	1 Combined therapy cable
11A00SON0011	4 Silicone electrodes 60 x 80 mm
11A00FUN0006	4 Electrode covers 60 x 80 mm
11A00SON0014	4 Disposable electrodes 50 x 50 mm
12A00FUN0002	4 Elastic bandages 75 cm
11A00CAB0005	1 A/C cable
13A00FNG0001	1 250 g Can of Gel
1 User Manual	
1 Guarantee	

OPTIONAL ACCESSORIES

11A00CBZ0001	Small head - 1.6 cm2
11A00FNG0002	Caringel (carrafe 5 L with 1 empty can)
12A00FNG0001	Empty can of 250 ml
11A00SON0007	silicone electrode 30 x 50 mm
11A00FUN0005	silicone electrode 80 x 125 mm
11A00FUN0007	Electrode cover 30 x 50 mm
11A00FUN0005	Electrode cover 80 x 125 mm
12A00FUN0001	Elastic bandage de 40 cm
2A00039	Head Holder

ULTRASOUNDS

1 MHz BIG head	1 MHz SMALL head
	

Megasonic 223

Combined therapy unit fitted which includes a world innovation in its ultrasound dual frequency head: mechanically-vibrating head which gives a micromassage to the patient during treatment

LCD 20x4 letters display

Menu navigator

Currents potentiometer

VIBRATORY head

Combined unit – ultrsounds and electrotherapy – which has a mechanically-vibrating head

DESCRIPTION

- Vibrating dual frequency head makes therapy more pleasant for the patient thanks to a micromassage which is performed during application of the ultrasounds
- Possible treatments:
  - Stimulation only (with MEGAA or Compensated Currents)
  - Ultrasounds only
  - Combined mode: ultrasound and current on the same patient
  - Parallel ultrasound treatment and treatment using currents enabling two patients to be treated simultaneously (one with currents and the other with ultrasound) and independently (different treatment lengths)

LOW- AND MEDIUM-FREQUENCY ELECTROTHERAPY

- **2 independent output channels**
- **3 emission modes:**
  - Continuous
  - Pulsed
  - SCAM (Electromedicarin's innovation – see CARIN head characteristics)
- **Application in pulse trains:** Pulse train ON time from 1 to 30 s; Relaxation time From 0 to 30 s; Ramp time from 0 to 10 s; Passive or active relaxation (with 1 to 10 Hz low frequency)
- **Maximum length of simple treatment: 30 minutes**
- **Up to 3 simple treatments may be linked**

1 and 3 MHZ ULTRASOUNDS

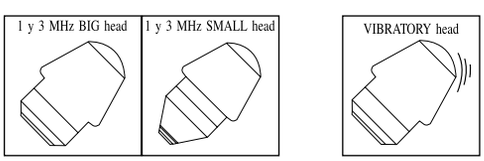
- **Dual frequency heads (see CARIN head characteristics)**
- **Work cycle:**

Continuous output	100 %
1:9 Pulsed output	10 % (1ms ON, 9 ms OFF)
2:8 Pulsed output	20 % (2ms ON, 8 ms OFF)
SCAM pulsed output	Variation between 22 % and 50 % (2 ms ON, OFF time variable)

GENERAL TECHNICAL CHARACTERISTICS

- Mains voltage:	90 – 250 V
- Mains frequency:	50 / 60 Hz
- Max. Consumption:	70 W
- Dimensions:	25 x 32 x 10 cm
- Weight:	3 Kg

ULTRASOUNDS



TREATMENT MEMORY

1. CARIN Treatments: 30 electrotherapy, 30 ultrasound, and 30 combined treatments pre-programmed
2. USER Treatments: capable of storing up to 30 electrotherapy, 30 ultrasound, and 30 combined treatments

STANDARD ACCESSORIES

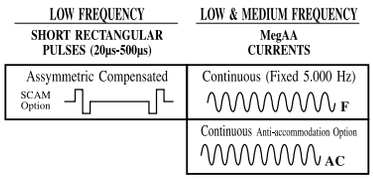
11E0000000042A	MEGASONIC 223
11A00CAB0044	1 Patient cable
11A00CAB0045	1 Patient cable
11A00CAB0049	1 Patient cable for combined therapy
11A00SON0014	4 Disposable electrodes size 50 X 50 mm
11A00SON0013	4 Disposable electrodes size 50 x 100 mm
11A00CBZ0005	1 Large dual frequency vibratory head - 6 cm2 (1 & 3 MHz)
13A00FNG0001	1 Can of Gel 250 ml
11A00CAB0005	1 A/C cable

1 User Manual / 1 Guarantee

OPTIONAL ACCESSORIES

11A00CBZ0003	Small vibratory head 1.6 cm2 1 & 3 MHz head
11A00SON0007	Silicone electrode 30 x 50 mm
11A00SON0011	Silicone electrode 60 x 80 mm
11A00SON0012	Silicone electrode 80 x 125 mm
11A00FUN0007	Electrode cover 30 x 50 mm
11A00FUN0006	Electrode cover 60 x 80 mm
11A00FUN0005	Electrode cover 80 x 125 mm
11A00CAB0050	Manual stimulation electrode
11A000000002	Patient cable with button
12A00FUN0002	Elastic bandage 75 cm
12A00FUN0001	Elastic bandage 40 cm
11A00FNG0002	Caringel (carafe 5 L with 1 empty can of 250 ml)
12A00FNG0001	Empty Caringel can of 250 ml

CURRENTS



Megasonic 707

Complete combined therapy unit featuring the latest technologies combined with intelligent dual frequency heads. Innovative in that it allows combined treatment to be performed using an underwater technique

Colour graphic display of 5,7"

Menu Navigator

Electrotherapy channels

Ultrasounds

Any combination is possible and can be applied simultaneously
- Low and Medium Frequency and 1 & 3 MHz Ultrasound -

DESCRIPTION

- A description of the disorder selected, the positioning of the electrodes and what the patient will feel during the treatment is displayed on the screeno

LOW- AND MEDIUM-FREQUENCY ELECTROTHERAPY

- 2 independent output channels, 9 types of current and four different vectors
- 2 bipolar channels or 1 four-pole channel
- The parameters can be changed to personalize the currents administered
- 2 patients may be treated simultaneously or agonis/ antagonist muscle groups may be synchronized
- Output circuit: Constant current
- Pulse trains for bipolar currents:
  - Pulse train ON time: from 1 to 25 s
  - Pause time: from 1 to 25 s
  - Ramp time: from 0 to 16 s
  - Active or passive relaxation (with 1 to 10 Hz frequency)

ULTRASOUND AT 1 & 3 MHz

- 2 dual frequency heads with different ERA of 6 and 1.6 cm2
- 3 emission modes: Continued, Pulsed and SCAM (world innovation by ELECTROMEDICARIN, see CARIN heads' information)

GENERAL TECHNICAL CHARACTERISTICS

- Mains Voltage:	230 V ±10 % (230 V versión)
	115 V ±10 % (115 V versión)
- Mains frequency:	50 / 60 Hz
- Max. power consumption:	100 VA
- Dimensions:	32 x 32 x 18 cm
- Weight:	4 Kg

TREATMENT MEMORY

1. CARIN Treatments: 106 pre-programmed low- and medium-frequency treatments, 53 of which are ultrasound and 54 combined therapy
2. USER Treatments: capable of saving up to 110 treatments. Modifying, creating or deleting treatments is very easy

STANDARD ACCESSORIES

11E000000044	MEGASONIC 707
11A00CAB0044	1 Patient cable red
11A00CAB0045	1 Patient cable black
11A00CBZ0004	1 large dual frequency head 6 cm2 (1 & 3MHz)
11A00SON0013	4 Disposable electrodes size 50 x 100 mm
11A00SON0011	4 Silicone electrodes size 60 x 80 mm
11A00FUN0006	4 Electrode covers size 60 x 80 mm
12A00FUN0002	4 Elastic bandages 75 cm
13A00FNG0001	1 250 g Can of Gel
11A00CAB0005	1 A/C cable
11A00CAB0049	1 Patient cable for combined therapy

1 Guarantee / 1 User Manual

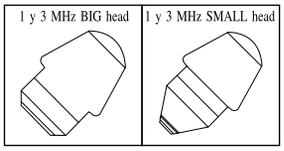
OPTIONAL ACCESSORIES

11A00CAB0050	Manual stimulation electrode
11A00CBZ0003	Small dual frequency head - 1.6 cm2 (1 & 3 MHz)
11A00SON0014	Disposable electrodes 50 x 50 mm
11A00SON0007	Silicone electrodes 30 x 50 mm
11A00SON0012	Silicone electrodes 80 x 125 mm
11A00FUN0007	Electrode covers 30 x 50 mm
11A00FUN0005	Electrode covers 80 x 125 mm
11A00FUN0001	Elastic bandage 40 cm
11A00FNG0002	Caringel (carrafe 5 L with 1 emtpy can)
12A00FNG0001	Empty Caringel can (250 ml)

CURRENTS

LOW FREQUENCY SHORT RECTANGULARS PULSES (20µs-500µs)	LOW & MEDIUM FREQUENCY MegAA CURRENTS	MEDIUM FREQUENCY INTERFERENTIALS
Symmetric Compensated (SCAN Option)	Continuous (Fixed 5,000 Hz)	Two-pole Interferential
Assymmetric Compensated (SCAN Option)	Continuous (1,000 - 10,000 Hz)	Four-pole Interferential
Single-phase	Pulsed	
Two-phase	Compensated	
Single & Two-phase (with SCAN)	Four-pole	

ULTRASOUNDS



Megasonic 400

Electromyographic measurement with surface electrodes and manometric measurement with a precision probe. We can monitor, evaluate and stimulate all at the same time

Colour graphic display of 5,7"

Feedback display for active exercises

Up to 4 independent outputs

Biofeedback, EMG, Electrostimulator: Diagnosis and Treatment in a single highly-accurate and safe device

DESCRIPTION

Two electromyographic and 2 electrostimulation channels: may be used singly or in combination (even with the pressure recorder) to:

- Perform electrostimulation using low frequency currents
- Determine and assess the progression of a muscle or muscle group
- Strengthen a paretic or atrophied muscle
- Re-educate a muscle following a nerve or tendon transplant, or incorrect reinnervation
- Relax a pathological muscle spasm; correct a muscle dysfunction or imbalance

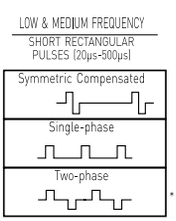
One manometric biofeedback channel:

- Evaluate and monitor urinary or faecal incontinence, strengthen the sphincter musculature of the pelvic floor and improve propioception, eliminate parasitic contractions of other muscle groups, eradicate involuntary contractions of the detrusor muscle during the bladder-filling phase
- Innovative features: Voice instructions for the patient that allow the therapist to be absent during treatment. Fitted with an outlet for earphones to maintain patient privacy
- The screen displays a diagram showing how the electrodes should be placed, how the patient will feel and general notes about the pathology being treated
- The only device on the market with no interference during readings
- Optional external panel that allows the patient and the therapist to see the results of the work (treatment feedback)

TECHNICAL CHARACTERISTICS

- Mains voltage:	220 V ±10 % (220 V versión) 110 V ±10 % (110 V versión)
- Mains Frequency:	50 / 60 Hz
- Max. Power Consumption:	30 VA
- Dimensions:	32 x 32 x 18 cm
- Display:	4 kg

CURRENTS



* Biofeedback (2 EMG and pressure)

APPLICATIONS

- Pareses, hemiplegias, effort incontinence and incontinence due to abdominal hypertony
- Facial paralysis, tendon transposition
- Spasticity, bruxism, tension headache, stress
- Chondromalacia patella, ATM syndromes
- Unstable bladder, detrusor hyperreflexia

TREATMENT MEMORY

❶ CARIN Treatments: 30 saved electrostimulation treatments and 44 combined biofeedback treatments

❷ USER Treatments: space for simple and linked treatments. Several simple treatments to be applied in different phases can be combined. Easy to create, modify or delete a treatmen

STANDARD ACCESSORIES

11A00SON0002	1 vaginal pressure probe + accessories
11A00CAB0033	2 EMG cables
11A00CAB0024	1 stimulation cable
11A00CAB0025	1 stimulation cable
11A00SON0011	4 silicone electrodes 60 x 80 mm
11A00FUN0006	4 electrode covers 60 x 80 mm
11A00SON0014	4 adhesive electrodes 50 x 50 mm
12A00FUN0002	4 elastic bandage 75 cm
11A00SON0024	1 vaginal electrostimulator
11A00CAB0005	1 A/C cable

1 User manual / 1 Guarantee

OPTIONAL ACCESSORIES

11A00SON0026	Vaginal electrode Perisize 4+
11A00SON0009	Manual stimulation electrode
11A00ELE0001	Patient cable with button
11A00SON0013	Disposable electrodes 50 x 100 mm
11A00SON0007	30 x 50 silicone electrodes
11A00SON0012	80 x 125 silicone electrodes
11A00FUN0007	30 x 50 electrode covers
11A00FUN0005	80 x 125 electrode covers
12A00FUN0001	40 cm elastic bandage
12E00ACC0001	Megasonic 400 auxiliary panel
3VRI0049	Earphones

Megasonic 680

Laser Therapy: application of energy. The anti-flammatory, antialgic and trophic effects of laser treatment, and its cicatrisation effects, have been clinically-proven

Security system (emergency stop)

Menu Navigator

Seeking point (acupuncture)

Device generating 2 types of laser: IR (infrared) and Visible

DESCRIPTION

- IR (infrared) and Visible Laser may both be applied with Megasonic 680 using the relevant applicator
- A program to detect acupuncture points semi-automatically: the stylus for detecting points need only be placed on the approximate area and, by moving the stylus, the equipment will tell us exactly where the point is
- 2 emission-control systems: acoustic or visual (with a guide-light for applying the IR laser)
- Both the Probe and the Emitter Stylus are easy to use since they allow emission to be controlled and treatment to be halted via the applicator itself
- Includes a Peltier system which maintains the selected energy during application, thereby avoiding drops in power due to over-heating
- LCD screen which shows treatment parameters

APPLICATIONS

Its uses are very diverse

- Physiotherapy
- Rheumatology
- Dermatology
- Sports Medicine
- Chiropody, etc.

TREATMENT MEMORY

1 CARIN Treatments: 93 IR Laser and 19 Visible Laser saved treatments. Menu of treatments by pathology: only the number of points to be treated needs to be indicated.

GENERAL TECHNICAL CHARACTERISTICS

-Mains voltage:	220 V - 110 V
- Power consumption:	60 VA
- Dimensions:	24,5 x 28 x 9,5 cm
- Weight:	4 kg

11E00000032A MEGASONIC 680 LASER IR
11E00000032B MEGASONIC 680 LASER VISIBLE

APPLICATOR CHARACTERISTICS

IR Laser Probe

- 800 mW maximum power output which reduces treatment length
- 48 J/cm 2/minute maximum energy
- Wavelength: 810 nm
- Beam spot size: 1 cm2
- Max. pulsed mode frequency: 5,000 Hz
  Min. pulsed mode frequency: 200 Hz
- Pulse width (pulsed mode): 100 µs

Visible Laser Stylus 680

- 40 mW maximum power output
- 2.4 J/minute maximum energy
- Wavelength: 658 nm
- Beam spot size: 0.08 cm2
- Max. pulsed mode frequency: 5,000 Hz
  Min. pulsed mode frequency: 800 Hz
- Pulse width (pulsed mode): 100 µs

STANDARD ACCESSORIES IR LASER

12E000000001	1 IR Laser Pistol, MEGASONIC 650
11A00SON0017	1 Seeking-point Electrode
31M000000222	1 Brass electrode
11A00MEG0003	1 Pair of patient safety goggles
11A00MEG0002	1 Pair of physiotherapist safety goggles
11A00CAB0014	1 applicator-device connection cable
11A00CAB0005	1 A/C Cable

1 User Manual / 1 Guarantee

STANDARD ACCESSORIES VISIBLE LASER

12E000000002	1 Visible Laser Stylus 680, MEGASONIC 610
11A00SON0017	1 Seeking-point Electrode
31M0000000222	1 Brass electrode
11A00MEG0003	1 Pair of patient safety goggles
11A00MEG0002	1 Pair of physiotherapist safety goggles
11A00CAB0005	1 A/C Cable

1 User Manual / 1 Guarantee

OPTIONAL ACCESSORIES

Optional accessories for IR Laser will be the standard accessories of Visible Laser, and viceversa

Megascan 690

Stand-alone IR and Visible Laser treatment equipment. Allows the type of scan and its area to be programmed while auto-adjusting the other parameters – according to the pathology to be treated; it automatically carries out the treatment

Semi-automatic height regulation between patient and laser gun

Control panel

LCD display

Canyon Laser for IR and Visible Laser treatments. Multi-purpose and functional thanks to its ability to treat two patients simultaneously: one pre-programmed and one manual application

DESCRIPTION

- Visible or infrared radiation Scanning Laser
- Automatic time calculation when power is introduced
- Automatic calculation of the area to be treated regardless of the distance
- Has a connection for IR or Visible laser applicators so as to be able to simultaneously perform both a manual and automatic course of treatment
- With a connection for an Acupuncture Point detector
- LCD screen which shows treatment parameters

SCANNING SYSTEM TECHNICAL CHARACTERISTICS

- **Automatic calculation of Power Density**
- **Vector programming and calculation of the area to be treated**
- **Scan test to verify the area to be treated**
- **Automatic Height measurement System: from 30 to 130 cm**
- **Types of Scan Linear (horizontal or vertical), Point and circular**
- **Infrared (IR) Radiation**
  - Type of emitter: GaAs Semiconductor Diode Laser
  - Wave length: 810 nm
  - Peak power: 1.5 W
  - Operating mode: Continuous (CW)
  - Beam Spot Size: 0.5 cm2 (at a height of 60 cm)
  - Energy in 1 minute: 90 J
  - Aiming Beam: 658 nm
- **Visible Radiation**
  - Type of emitter: GaAs Semiconductor Diode Laser
  - Wave length: 658 nm
  - Peak power: 25 mW
  - Operating mode: Continuous (CW)
  - Beam Spot Size: 0.12 cm2 (at a height of 60 cm)
  - Energy in 1 minute: 1.5 J

TREATMENT MEMORY

❶ CARIN Treatments: 93 IR Laser and 19 Visible Laser saved treatments. Treatment menu by pathology: the number of points or area to be treated should be indicated.

APPLICATIONS

Its uses are very diverse

- Physiotherapy
- Rheumatology
- Dermatology
- Sports Medicine
- Chiropody, etc.

GENERAL TECHNICAL CHARACTERISTICS

- Mains voltage:	230 V ~ ±10 % (230 V version)
	115 V ~ ±10 % (115 V version)
- Mains frequency:	50 / 60 Hz
- Consumption:	135 VA (at full power)
- Dimensions:	100 x 50 x 150 cm
- Weight:	30 kg

STANDARD ACCESSORIES

11E000000011	MEGASCAN (MEGASONIC 690)
11A0CAB0005	1 A/C Cable
11A0CAB0047	1 Cable for connecting Megascan Megasonic 690
12A0MEG0001	1 Patient button
11A00MEG0003	1 pair of patient safety goggles
11A00MEG0002	1 pair of physiotherapist safety goggles

1 User Manual
1 Guarantee

OPTIONAL ACCESSORIES

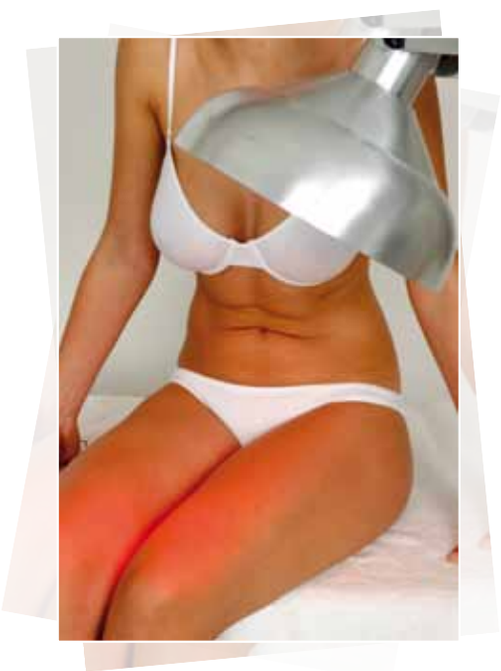
12E000000001	IR Laser Pistol, MEGASONIC 650
12E000000002	Visible Laser Pistol, MEGASONIC 610
11A00SON0017	Seeking-point Electrode
31M000000222	Brass electrode

IR LAMP

Programmable electronic lamp with digital control

DESCRIPTION

- Fitted with a large bulb - to avoid burns caused by heat concentration - which can be turned to face any direction
- Height-adjustable arm
- Digital electronic circuit which controls emission power and treatment time.
- A treatment time- of between 1 and 99 minutes and emission power of 25 %, 50 %, 75 % or 100 % of the maximum emission power of 250 W can also be selected using a membrane keypad.
- Acoustic warning at the end of the treatment
- Painted steel support arm
- Stainless steel support column
- Treated aluminium bulb
- Base with synthetic resin wheels



TECHNICAL CHARACTERISTICS

- Base con 5 ruedas de Ø 60 cm de gran estabilidad
- Foco de Ø 30 cm
- Altura total de 155cm
- Incluye bombilla de IR de 250 W

STANDARD ACCESSORIES

11E00000005	250 w INFRARED LAMP with a stand that can be wheeled around
13LAM0000001	1 - 250 W IR lamp bulb
1 User Manual	
1 Guarantee	

Microondas 242

Pulsed or continuous microwave therapy equipment

DESCRIPTION

- Adjustment control: fitted with an adjustment control with SAT identification of the device location, and thus of the problem, there by reducing technician intervention time
- Safety system: the equipment's auto-evaluation checks that it is in good working order and is being properly used, and warns of any anomaly using visual and sound signals
- Three types of Irradiators (applicators) according to the course of treatment
  - Large zone, long zone and circular zone
  - Easily and quickly inter-changed
- This diathermy unit suits blind professionals (if requested and without additional charges)
- Liquid crystal display showing all the data concerning the treatment in progress
- Emission mode: continuous and pulsed

TECHNICAL DATA

- Output frequency:	2460 ± 20 MHz
- Output power:	250 W
- Pulsed output power:	1600 W
- Mains voltage:	230 V ±10 % (versión 230 V) 115 V ±10 % (versión 115 V)
- Max. consumption:	600 W
- Weight:	65 kg
- Dimensions:	89 x 36 x 50 cm

TREATMENT MEMORY

1. CARIN Treatments: Offers 51 memorized programs, organized by speciality: spinal column, torso, extremities, diverse injuries
2. Professionals can freely choose from the range of doses and treatment lengths set for each one of the above
3. These programs also indicate the type of applicator to be used

STANDARD ACCESSORIES

11E000000046	MICROONDAS 242
11A00MIC0003	1 Articulated arm
11A00CAB0018	1 HF (high frequency) cable
12A00MIC0004	1 Circular or round zone irradiator / applicator
12VARMIC0001	Irradiation control-rod
13MIC00000020	Protective washer
13HER0000002	Allen wrench nº 5
13TOR9120011	2 screws M6x20 DIN 912 Allen

1 Tool Kit for the articulated arm
1 User Manual
1 Guarantee

OPTIONAL ACCESSORIES

12A00MIC0005	Large zone irradiator
12A00MIC0006	Long zone irradiator

MegaTherm 343

Short Wave therapy unit

Graphic display

120mm electrode

Short waves can be applied to both superficial and deeper tissue layers. Myopathies can be treated in the same manner as joint diseases and in-accessible organs (e.g. in urology, gynecology and ENT)

DESCRIPTION

- Short wave universal unit highly efficient with an operator guidance by clear graphic display, program memory, indications menu including pictograms for electrode application
- 400 W in continuous mode and a maximum of 1000 W in pulsed mode
- Uniform, highly effective output power both in continuous and pulsed modes, thanks to its high-performance vacuum tube
- A graphic display that not only guides the operator but also provides indication suggestions (incl. pictograms showing proper electrode application) and various program storage positions
- Continuously adjustable output power. Matching and effective output power indication.
- A unique output power dosing function allows highly precise adjustment by means of the dynamic matching indicator and the heat-effective output power value that is constantly displayed, giving the user full visual control over the therapy.
- Optional use of either the capacitor (condensor field) or coil (induction field) electrodes.
- Modular, safe, efficient and easy-to-service
- A compact and ergonomic design

TREATMENT MEMORIES

- Several pre-set treatments

TECHNICAL FEATURES

- HF power:	400 W / 1000 W (Continuous/Pulsed)
- Frequency:	27,12 MHz +/- 0,6 %
- Pulse duration:	200 - 600 ps
- Frequency:	10 -300 Hz
- Power indication:	Amplitude and effective power
- Timer:	0-60 min

TECHNICAL DATA

- Supply voltage:	115/230 V 50/60 Hz
- Consumption:	1800 VA
- Weigh:	60 kg
- Dimension:	420 x 970 x 405 mm (W x H x L)

STANDARD ACCESSORIES

Standard accessories depend on the chosen option.

11A00APA0020	MegaTherm 343
11A00APA0020 +12A00APA0001	MegaTherm 343 Electrode 120 mm
11A00APA0020 +12A00APA0002	MegaTherm 343 Diode
11A00APA0020+12A00APA0003	MegaTherm 343 Diplode
12A00APA0001	STANDARD ACCESSORIES MegaTherm 343 Electrode 120 mm
13A00MGT0001	2 Electrodes with condenser of Ø120 mm
13A00MGT0002	2 Electrode connection cables with rubber coating
13A00MGT0003	Cable grip
13A00MGT0005	2 Electrode arm extractable
12A00APA0002	ACCESSORIES DIODE MegaTherm 343
13A00ACC0005	1 Diode (induction focus Ø18 cm) without cable
13A00CAB0003	1 Connection cable diode
13A00MGT0005	1 Electrode arm extractable
12A00APA0003	ACCESSORIES DIPLODE MegaTherm 343
13A00ACC0004	1 Diplode (induction focus 18x39 cm) with cable
3A00MGT0005	1 Electrode arm extractable

OPTIONAL ACCESSORIES

13A00MGT0001	Electrode with condenser Ø120 mm
13A00MGT0002	Electrode connection cables with rubber coating
13A00MGT0003	Cable grip
13A00ACC0004	Diplode (induction focus 18x39 cm) with cable
13A00ACC0005	Diode (induction focus Ø18 cm) without cable
13A00ACC0004	Connection cable diode
13A00MGT0004	Electrode with condenser Ø165 mm
11A00SON0033	Electrode with condenser Ø80 mm
13A00ACC0002	Monode
11A00SON0034	Rubber electrode 180x120 cm with cover and spacer
11A00SON0035	Rubber electrode 250x145 cm with cover y spacer
11A00COR0002	Rubber strap 135x2.7cm
13A00COR0001	Locking button for the rubber strap
11A00ACC0023	Discharge indicator
13A00MGT0005	Electrode arm extractable

Megatrac 101

Traction equipment with 7 safety levels which allows professionals to work with complete peace of mind

LCD 20 x 4 letters display

Display for Kg in pause

Menu Navigator

Easy-to-use, ultra-safe cervical and lumbar traction unit

DESCRIPTION

- Automatically calculates the traction in kg and the progressive and regressive stages
  - The type of traction to be performed, along with the patient's weight and sex must be entered
- 7 Safety levels: If an anomalous situation arises, the microprocessor will detect the problem and progressively halt traction at that moment while displaying on-screen details about the anomaly in question
- Liquid crystal display shows us complete information about the treatment
- Fixed or Electric MEGACAM 444 traction table with 3 separate sections. Moveable central section allows correct traction. Includes holder for Megatrac 101.

EASY TO USE

Different values can be programmed by means of an Encoder. These can be checked and changed at any time.

TECHNICAL CHARACTERISTICS

- Mains voltage:	110 - 220 V ±10 %
- Mains frequency:	50 / 60 Hz
- Consumption:	85 W
- Weight:	15 kg
- Dimensions:	25.5 x 13.5 x 31.5 cm

HOW IT WORKS

Continuous Traction

Possible to choose KG and time of traction in addition to selecting time and KG of pause.

Intermitent Tracción

Once the traction in kg has been selected, the equipment automatically adjusts to progressively increase until reaching the maximum traction value. The progressive increase takes place in three steps, each lasting 15 seconds. Prior to finishing treatment, the equipment automatically adjusts to decrease the traction to 0 kg. This decrease takes place in 10 steps, each lasting 20 seconds.

Speed Traction

Possible to choose from 20 traction speeds in addition to adjusting all the necessary treatment parameters.

STANDARD ACCESSORIES

11E00000001	MEGATRAC 101
12A00MEG0001	1 Patient safety control
11A00CAB0005	1 A/C cable
1 User Manual	
1 Guarantee	

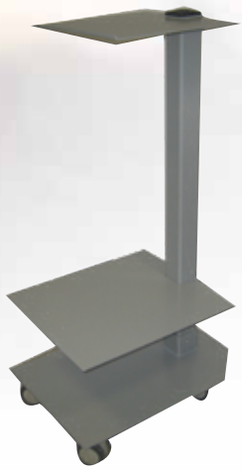
OPTIONAL ACCESSORIES

12A00SOP0002	Cervical Traction Accessory Set: Wall mount, Chin-strap, Over-door hanger
31M0000000029	Fixed Traction Table or
31M0000000030	Electrical Traction Table which includes:
31A00TAP0065	Lumbar Pelvis Strap
31A00TAP0064	Thoracic Belt
32CAM0000001	Stool
31A00TAP0068	Chin-strap
31M0000000001	Over-door hanger

Megasonic 510

NEW DESIGN, MORE MODERN, SLIMER

Continuous or pulse mode magnetic fields generator



Comprising a 60 cm diameter toroidal generator resting on a table. The Megasonic 510 has a rectifier system that emits an ordered magnetic field, substantially improving the quality of treatment

Pulsed magnetic fields effect

It is proof that cellular membrane properties change due to a ionic movement, a partial increase of oxygen pressure, changes of speed in the capillarity of tissues endings and vasodilation for vegetative stimulus that explain the analgesic, anti-inflammatory and vasodilator effects of the magnetotherapy.

DESCRIPTION

- **A unit which generates magnetic fields, table, 60cm diameter toroid**
  - OPTIONAL: auxiliary 30cm diameter toroid for treating limbs; possibility of simultaneously performing two different treatments on different patients
- **Microprocessor which controls: frequency, length of treatment, toroid movement and scanning of a previously - memorized area**
- **Continuous adjustment in multiples of 10 Gaus up to a maximum power of 100 Gaus**
- **1-2-3-4-5-6-7-8-9-10-12-16-17-25-50 frequencies**
- **Programmable Impulse Trains. Selection of impulse trains**

TECHNICAL CHARACTERISTICS

- Mains voltage:	110 – 220 V (±10 %)
- Power consumption:	50 Hz
- Power consumption:	60 W
- Dimensions:	Couch 185 x 52 x 71 cm Big Toroid 63 cm diameter Small Toroid 32 cm diameter (optional accessory) Trolley with casters 38 x 53 x100 cm
- Packaging dimensions:	Couch 190 x 60 x 75 cm Trolley with casters 85 x 38 x 155 cm (dismantled)

APPLICATIONS

- Bruising, sprains, minor sporting injuries
- Post-traumatic arthritis, tendonitis, enteritis
- Algodystrophy
- Osteoporosis
- Fibromyalgia
- Arthrosis, degenerative osteoarthritis, coxarthrosis, arthrosis of the feet, lumbarthrosis, cervicarthrosis
- Upper back pain
- Neck whiplash, cervicalgia, torticollis
- Lumbosciatic pain / cervicobrachialgia
- Consolidation delays, pseudoarthrosis

TREATMENT MEMORY

❶ CARIN Treatments: 32 saved treatment programs

❷ USER Treatments: space for storing up to 99 of the user's own treatments

OPTIONS

11E000000048	Panel Mandos + Consola + camilla sin motor + toroide grande + Carro rodable
11E000000049	Panel Mandos + Consola + camilla con motor + toroide grande + Carro rodable
11E000000050	Panel Mandos + Consola + toroide pequeña + Carro rodable

STANDARD ACCESSORIES

13IMA0000001	1 - 12 x 5 magnetised chip
11A0CAB0005	1 A/C cable
11A00CAB0056	1 Console/module power cord
11A00CAB0057	1 Coil control cable
1 User Manual	
1 Guarantee	

SPECIFIC ACCESSORIES

11A00CAB0052	1 Small Toroid Cable
11A00CAB0053	1 Large Toroid Cable
11A00CAB0054	1 Couch Motor Cable
11A00CAB0055	1 Couch Logical Cable

Vacuocarin

Auxiliary vacuum equipment to facilitate low- and medium-frequency electrostimulation treatments using suction electrodes which simultaneously deliver a massage

Pressure control

4 vacuum connections

Pressure regulator

Vacuum unit with continuous and pulse operation

DESCRIPTION

- **4 vacuum connections**
- **Continuous and pulse mode (with 3 intermittent sequence types)**
- **Continuous pressure regulation: automatic system which keeps pressure constant, automatically activates the pump in the event of any leakage and prevents the suction electrodes from falling**
- **Very quiet**

VACUOCARIN TECHNICAL CHARACTERISTICS

- **Suction pressure:** de 0 a 700 mba
- **No. of suction connections:** 4
- **4 Types of modulation:** Continua 1, 2 y 3 s (500 mba)
- **Continuous pressure regulation which allows the selected pressure to be automatically maintained**
- **Connection to low- and medium-frequency CARIN equipment**

GENERAL TECHNICAL CHARACTERISTICS

- **Mains voltage:** 220 V ±10 % (220 V version)
  110 V ±10 % (110 V version)
- **Mains frequency:** 50 / 60 Hz
- **Max. consumption:** 40 VA (at full power)
- **Dimensions:** 36 x 29.5 x 11cm
- **Weight:** 5 kg

EASY TO USE

The type of operation (continuous or 1-2-3 impulses) is selected, then the desired vacuum pressure is regulated using a push button and the suction electrodes are then applied to the chosen area.

STANDARD ACCESSORIES

11E000000010	VACUOCARIN
11A00SON0022	4 - Ø 50 mm Suction Cup
11A00ACC0007	4 – 50 mm Diameter Sponges
11A00ACC0029	1 Set of guide tubes (2 red, 2 white)
11A00CAB0005	1 A/C Cable
1 User Manual	
1 Guarantee	

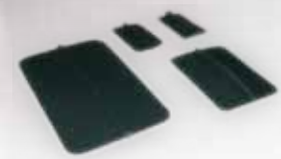
ACCESSORIES AND DISPOSABLES FOR ELECTROTHERAPY

ELECTRODES

Silicone

Banana 2 mm

11A00SON0007 30 x 50 mm
11A00SON0011 60 x 80 mm
11A00SON0012 80 x 125 mm



Disposable (adhesive)

11A00SON0041 50 x 50 mm
11A00SON0042 50 x 100 mm

Suction Cups

11A00SON0022 Complete Small suction cup

Manuals

12E000000002 Visible Laser aplicator
11A00SON0025 Manual Electrode Interferencial 94
11A00SON0009 Manual Electrode for electrostimulation

Electrodes for incontinences

11A00SON0026 Vaginal Electrode - Perisize4+
11A00SON0027 Anal Electrode – Analys+
11A00SON0002 Vaginal pressure probe – AIR/VA

PATIENT CABLES

11A00CAB0017 Interferencial 94 (2 mm)
11A00CAB0044 Stimulation (red cable)
11A00CAB0045 Stimulation (black cable)
11A00CAB0033 Biofeedback
11A00CAB0015 Vacuocarin interconnection

ELECTRODE COVERS

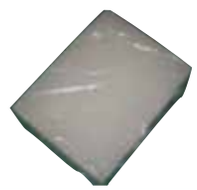
11A00SON0007 30 x 50 mm (2 mm)
11A00SON0011 60 x 80mm (2 mm)
11A00SON0012 80 x 125 mm (2 mm)

HEADS

11A00CBZ0001 1.6 cm^2 Head
11A00CBZ0002 6 cm^2 Head

PARAFINA Y GEL ULTRASONIDOS

11A00FNG0005 Garrafa gel US d 5 L con botella CarinGel vacía (250 ml)
11A00FNG0006 Parafina 50ºC-52ºC (paquetes de 4 kg)



Camillas de tratamiento Camillas de 222 Camillas 444 Camillas 777 Plano Lift
Unidades para ejercicios Accesorios
777 plano inclinado unidad camilla

electromedicarin.com

carin
ELECTROMEDICARIN, S.A.

COUCH

DESCRIPTION OF COUCHES

- Structure manufactured from highly durable and stable chromed tubular steel (painted with white epoxy)
- Upholstery: 32 kg density, fire retardant, 5cm thick, strong, comfortable and easily cleaned (water repellent). Can be washed without causing damage
- Each section is easily positioned independently of the others, using a gas piston
- The non-fixed couches have wheels which allow movement with minimal effort. There is also an easy-lock brake

COMMON TECHNICAL FEATURES

FIXED MEGACAM

- Very secure removable legs which adapt to irregularities.
- The height can be selected to order.

TIJERA MEGACAM (scissors mechanism)

- Has wheels for easy movement.
- Completely silent motor.

ELECTRIC MEGACAMS

- Height adjustment by means of an electric pedal.
- Completely silent motor.

HYDRAULIC MEGACAMS

- Height adjustment by means of an ergonomic lever on which you apply light pressure with your foot.

ELECTRIC BARS MEGACAM

- Operation with Peripheral Electric Bars: bars located around the whole periphery of the couch to electrically adjust the height without effort, improving the professional's mobility and independence during work.
- These bars provide the couch with great versatility and great comfort for the user.
- Completely silent motor.

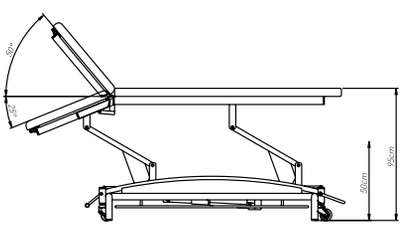
Megacam 222

Double-section couch for manipulation, treatment and massage

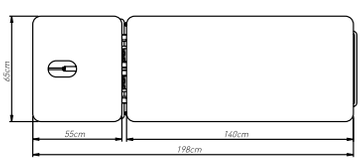
Brake to block the couch

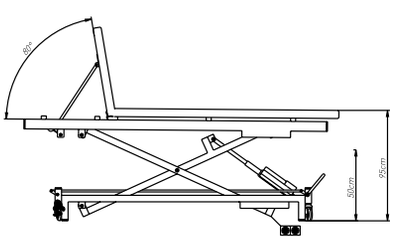
DESCRIPTION

- Patient support in two sections (torso and head)
- The head section comes with a removable face cradle for greater patient comfort during treatment performed in a face-down position.
- With wheels for movement and easy-lock brake (except the Fixed Megacam 222 which comes without wheels)

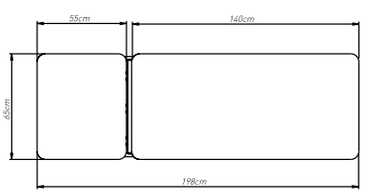


MEGACAM 222 EB / E / H





MEGACAM 222 TIJERA



TECHNICAL FEATURES: 5 TYPES OF MEGACAM 222 COUCHES

FIXED MEGACAM 222

Ref: 31M000000028

- Standard couch height is 75 cm, although other heights are made to order at no additional cost

***TIJERA* MEGACAM 222 (scissors mechanism)**

Ref: 31M000000041

- Height-adjustable – from 42 to 92 cm – using an electric pedal
- Silent motor
- It doesn't include face hole

ELECTRIC MEGACAM 222

Ref: 31M000000031

- Height-adjustable – from 50 to 95 cm
- Silent motor
- It doesn't include face hole

HYDRAULIC MEGACAM 222

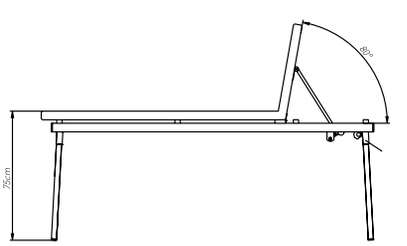
Ref: 31M000000038

- Height-adjustable – from 48 to 95 cm

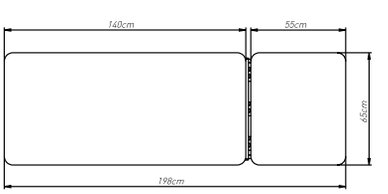
ELECTRIC BARS MEGACAM 222

Ref: 31M000000051

- Height-adjustable – from 50 to 95 cm



MEGACAM 222 F



STANDARD MEGACAM 222

Basic couch with scissor-shaped (tijera) structure:
light and practical

Electric couch: with pedal

Hydraulic couch: ergonomic lever

Brake

Easy to move

DESCRIPTION

- Structure manufactured from highly durable and stable chromed tubular steel (painted with white epoxy).
- Upholstery: 32 kg density, fire retardant, 5 cm thick, strong, comfortable and easily cleaned (water repellent). Can be washed without causing damage.
- Patient support in two sections (torso and head).
- Headrest positioned by means of an easy-to-use gas piston.
- The headrest section comes with a removable face cradle for greater patient comfort during treatment performed in a face-down position. When not in use, this hole can be closed using a matching insert.
- With wheels at one end for ease of movement. The brake is fitted at the other end.

TECHNICAL FEATURES:

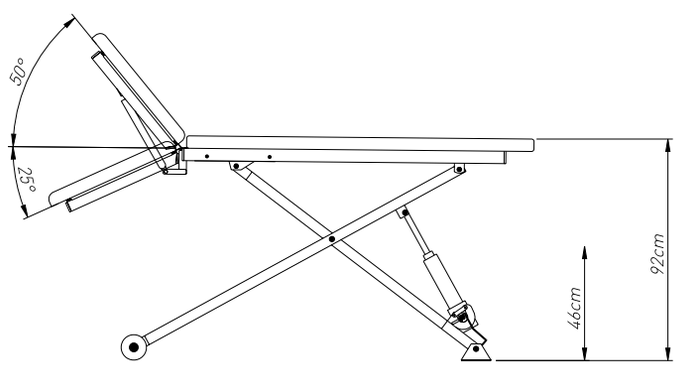
2 TYPES OF STANDARD MEGACAM 222 COUCHES

ST/E – STANDARD ELECTRIC - MEGACAM 222
Ref: 31M000000048

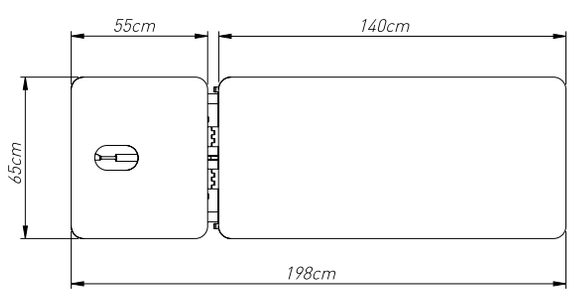
- Height-adjustable – from 46 to 92 cm – using an electric pedal
- Completely silent motor

ST/H – STANDARD HYDRAULIC - MEGACAM 222
Ref: 31M000000047

- Height-adjustable – from 46 to 92 cm – by means of an ergonomic lever which is pressed lightly with the foot (hydraulic mechanism)



H / E STANDARD MEGACAM 222



OSTEO MEGACAM 222

Stretcher designed for manipulating and treating osteopathy patients

Trunk and legs section designed specially for osteopathy

DESCRIPTION

- Patient support in two sections (torso and head)
- The end of the torso/legs section is 45 cm wide and designed specifically for osteopathy manipulations
- The headrest section has an optional removable face cradle
- Includes a headrest which can be reclined using a gas piston

TECHNICAL FEATURES

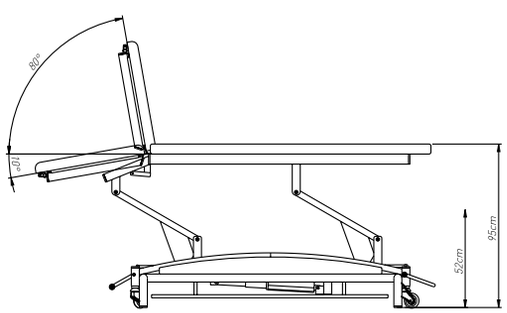
4 TYPES OF OSTEO MEGACAM 222 STRETCHERS

FIXED OSTEO MEGACAM
Ref: 31M000000048
- Standard couch height: 75 cm
- Other heights can be made to order (at no additional cost)

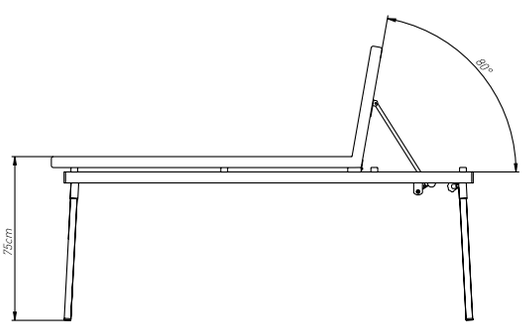
ELECTRIC OSTEO MEGACAM
Ref: 31M000000044
- Height-adjustable from 52 to 95 cm

HYDRAULIC OSTEO MEGACAM
Ref: 31M000000046
- Height-adjustable from 52 to 95 cm

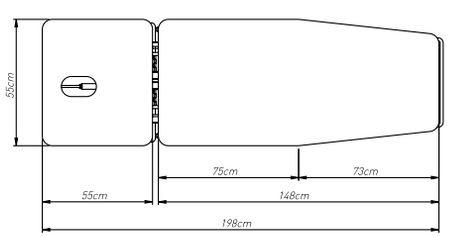
ELECTRIC BARS MEGACAM
Ref: 31M000000053
- Height-adjustable from 52 to 95 cm

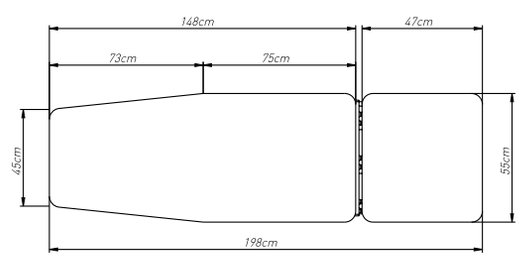


E-B OSTEO / E OSTEO / H OSTEO MEGACAM 222



OSTEO MEGACAM 222F





NEUROLOGICAL MEGACAM 222

Larger surface for an easier, better and safer patient's manipulation

DESCRIPTION

- Structure manufactured from highly durable and stable chromed tubular steel (painted with white epoxy)
- Upholstery: 32 kg density, fire retardant, 5 cm thick, strong, comfortable and easily cleaned (water repellent). Can be washed without causing damage
- Patient support comes in 1 or 2 sections (with a headrest which is easily folded away)
- The headrest may be easily and comfortably positioned using a gas piston

TECHNICAL FEATURES:

2 TYPES OF COUCH

ELECTRIC NEUROLOGICAL MEGACAM 222

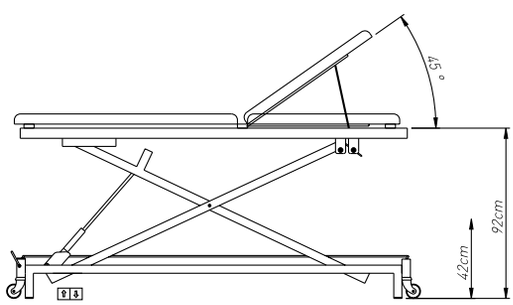
Ref: 31M000000033

- Height-adjustable – from 42 to 92 cm – using an electric pedal
- With wheels for movement and an easy-lock brake

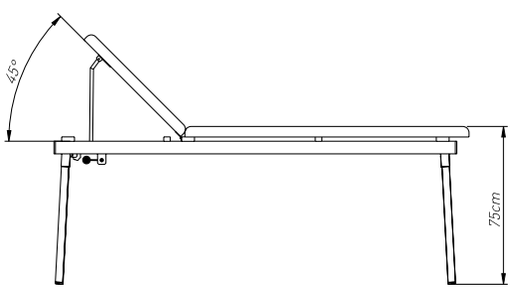
FIXED NEUROLOGICAL MEGACAM

Ref: 31M000000034

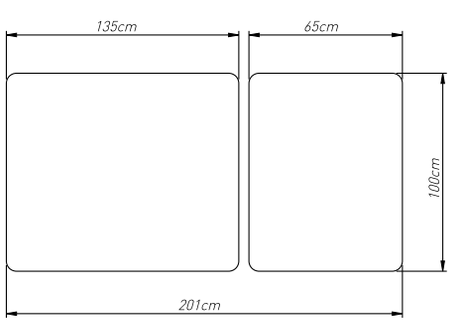
- Very safe, detachable legs which adapt to uneven floors
- Standard stretcher height is 75 cm, although other heights can be made to order (at no additional cost)

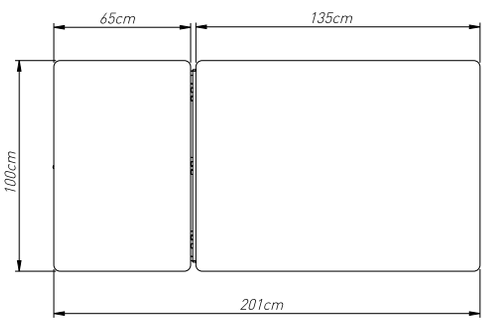


NEUROLOGICAL MEGACAM 222E



NEUROLOGICAL MEGACAM 222F





Megacam 333

Triple-section couches for manipulation, treatment and massage

Lever for section's positioning

DESCRIPTION

- Triple-section patient support (torso and head)
- The 3 sections are independently positioned (using a convenient gas piston for the head and main body sections. The leather-upholstered body has a mechanism for easy positioning)
- The head section comes with a removable face cradle for greater patient comfort during treatment performed in a face-down position
- With wheels and brake for movement and locking

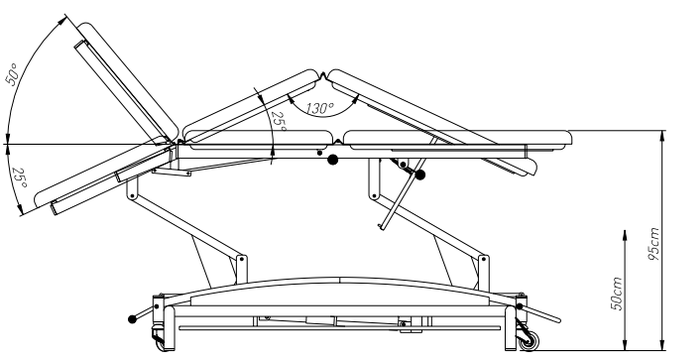
TECHNICAL FEATURES:

3 TYPES OF MEGACAM 333 COUCHES

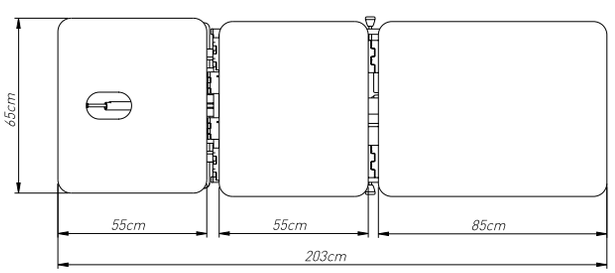
ELECTRIC MEGACAM 333
Ref: 31M000000032
- Height-adjustable – from 50 to 95 cm

HYDRAULIC MEGACAM 333
Ref: 31M000000039
- Height-adjustable – from 48 to 95 cm

ELECTRIC BARS MEGACAM 333
Ref: 31M000000050
- Height-adjustable – from 50 to 95 cm



E-B / E / H MEGACAM 333



Megacam 444

Special couch for traction

DESCRIPTION

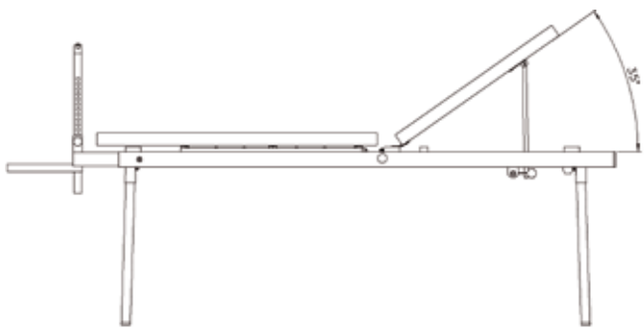
- Structure manufactured from highly durable and stable chromed tubular steel (painted with white epoxy)
- Upholstery: 32 kg density, fire retardant, 5 cm thick, strong, comfortable and easily cleaned (water repellent). Can be washed without causing damage
- Fixed or Electric (with pedal) Couch
- With 2 separate sections
- Moveable central section allows correct traction
- Fitted with a Megatrac 101 holder
- Benches for each leg are separately adjustable, made of chromium-plated steel and upholstered to match the table

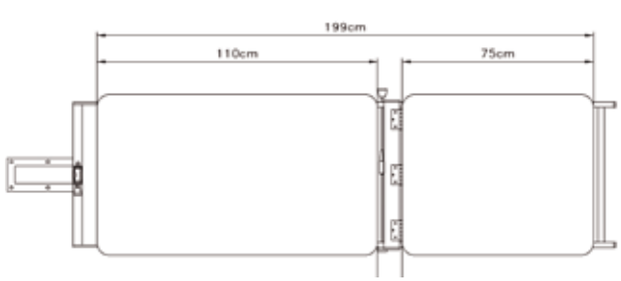
STANDARD ACCESSORIES FOR MEGACAM 444

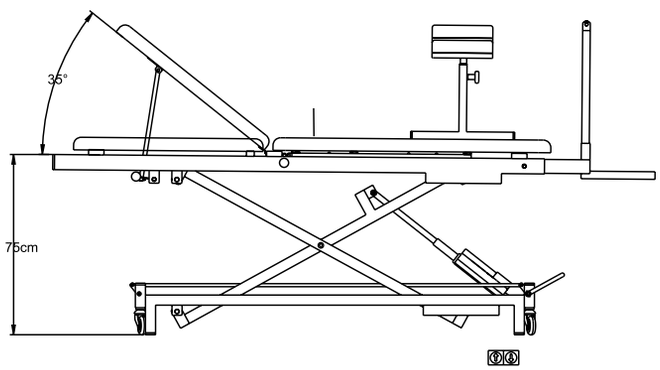
31M000000029	Fixed Couch
31M000000030	Electric Couch (with pedal)

Both couches include as standard accessories the following articles:

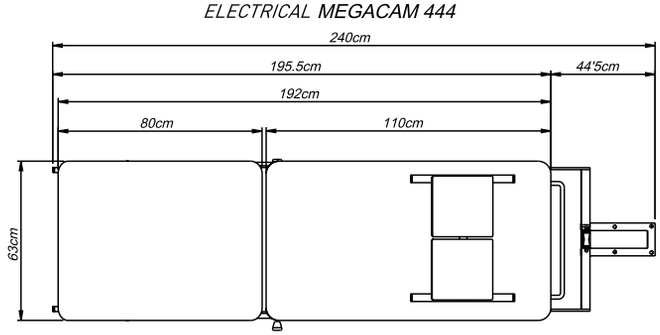
31A00TAP0065	Lumbar Pelvic Strap
31A00TAP0064	Thoracic Strap
32CAM0000001	Footstool
31A00TAP0068	Chin strap
31M000000001	Over-door hanger for chin strap







ELECTRICAL MEGACAM 444



Megacam 555

5-section couch for manipulation, treatment and massage

Removal hole for face

DESCRIPTION

- 5-section patient support (legs, torso, two sections for arms and head)
- The head section comes with a removable face cradle for greater patient comfort during treatment performed in a face-down position
- With wheels for movement and easy-lock brake

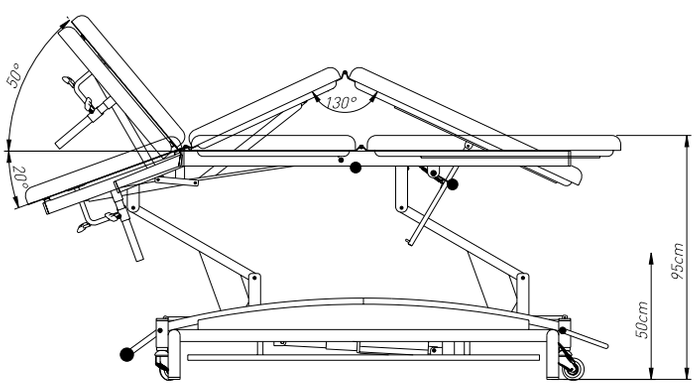
TECHNICAL FEATURES:

3 TYPES OF MEGACAM 555 COUCHES

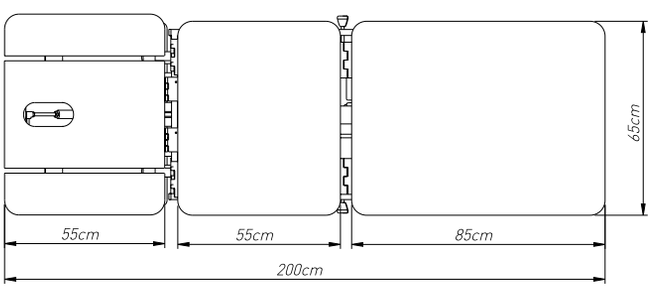
ELECTRIC MEGACAM 555
Ref: 31M000000037
- Height-adjustable – from 50 to 95 cm

HYDRAULIC MEGACAM 555
Ref: 31M000000040
- Height-adjustable – from 48 to 95 cm

ELECTRIC BARS MEGACAM 555
Ref: 31M000000049
- Height-adjustable – from 50 to 95 cm



E-B / E / H MEGACAM 555



Megacam 777

7-section couches with 4 DROPS for osteopathic manipulations

- 7 independent sections specially for osteopathy
- Special mechanisms for easier sections positioning

DESCRIPTION

- 7-section patient support (legs, pelvis, lumbar, cervix, two sections for the arms, and head)
- 4 DROPS (pelvis, lower back, back, neck) which are easily operated using anatomical levers
- The head section comes with a removable face cradle for greater patient comfort during treatment performed in a face-down position
- With wheels for movement and easy-lock brake

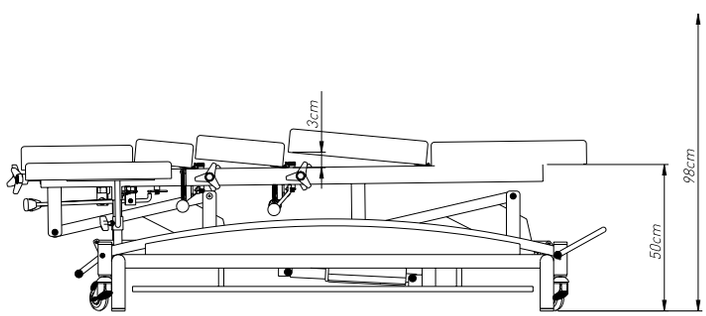
TECHNICAL FEATURES

3 TYPES OF DROP MEGACAM 777 COUCHES

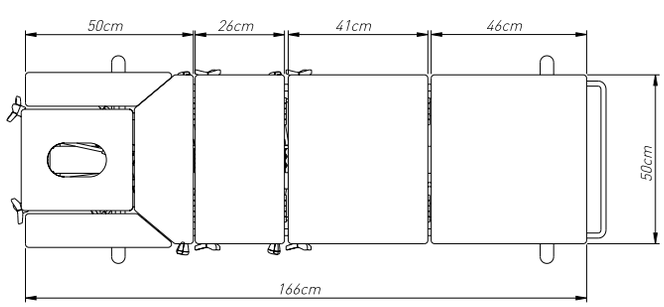
ELECTRIC DROP MEGACAM 777
Ref: 31M000000042
- Height-adjustable – from 50 to 98 cm

HYDRAULIC DROP MEGACAM 777
Ref: 31M000000043
- Height-adjustable – from 48 to 95 cm

ELECTRIC BARS DROP MEGACAM 777
Ref: 31M000000052
- Height-adjustable – from 50 to 98 cm



E-B / E / H DROP MEGACAM 777



TILT TABLE

Specially developed for posture and spinal exercises, cardiology exercises, preventing circulatory problems, exercises in the Trendelemburg position, etc.

Patient control

Completely silent motor

Fixing straps

For posture and spinal exercises

DESCRIPTION

- A long-lasting, stable frame manufactured using chrome-plated tubular steel (finished in white epoxy paint)
- Patient support comes in one section. A central slot allows the patient's lower extremities to be strapped down
- Upholstery: 32 kg density, fire retardant, 5 cm thick, high strength, comfortable and easy to clean (water repellent). Can be washed without causing damage
- Electrically tilts to any angle desired (between 0º and 90º + 5º) by means of a completely silent motor
- The table tilts with a hand-held switch
- Comes standard with a goniometer for controlling the degree of tilt
- Has rails for securing straps (included)
- Includes two arm rests, the height of which may be adjusted
- Fitted with large wheels with built-in brake for ease of movement and locking in place

- OPTIONAL: can be supplied with a utility tray

TECHNICAL FEATURES:

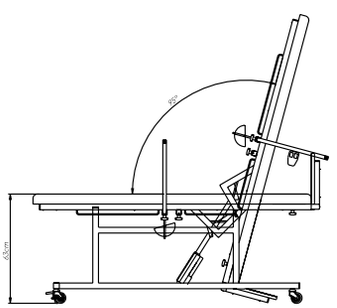
4 TYPES OF TILT TABLE

ELECTRIC MOBILE TILT TABLE with one motor
Ref: 31M00000008
- Height fixed at 80 cm

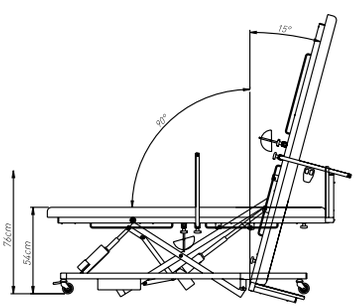
ELECTRIC MOBILE TILT TABLE with one motor SPECIFICALLY FOR CARDIOLOGY
Ref: 31M00000015
- Height fixed at 80 cm
- With a rapid lowering system for special cardiology exercises

ELECTRIC MOBILE TILT TABLE with one motor CHILD SIZE
Ref: 31M00000011
- Height fixed at 63 cm

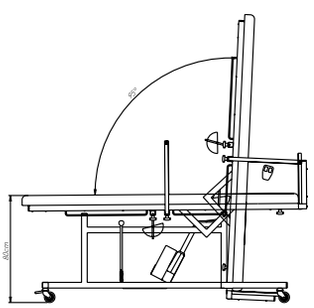
ELECTRIC MOBILE TILT TABLE with two motors
Ref: 31M00000014
- The availability of a second motor makes it possible to adjust the height – to between 54 and 76 cm
- These adjustments are made using the same hand-held switch as the one used for tilting



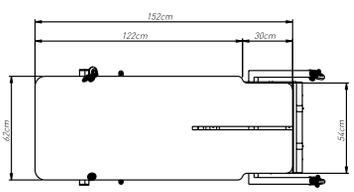
1 MOTOR CHILDS TILT TABLE

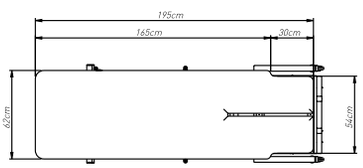


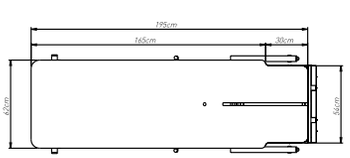
2 MOTORS TILT TABLE



CARDIOLOGY TILT TABLE







QUADRICEP BENCH

For multiple recovery and strengthening concentric and eccentric isotonic exercises for the upper and lower extremities

Goniometer for controlling the degree of tilt

Oscillating chromed arm

Precision in operation and maneuverability thanks to its anatomical design which allows the muscle to be worked in the most ideal position. A versatile, robust and safe apparatus

DESCRIPTION

- An oscillating chromed arm comprised of two parallel bars etched at different measurements, which allow adjustment of the position of the support roller and the location of the weight
- An etched disc (marked at different angles) permits the setting of the desired movement with a pivot so that the patient cannot exceed the angle programmed for that session of work
- Adjustable and reclining back to fit the patient's height. It is possible to convert the bench into a stretcher to be able to work on the hamstring muscles
- Upholstered in synthetic leather for greater comfort
- Bench made of square section steel tube painted with white epoxy and with chromed mobile accessories

- OPTION: An additional arm can be fitted

STANDARD ACCESSORIES

Fixing straps

31A00TAP0066	2 Velcro straps 5 x 100 cm (leg)
31A00TAP0067	1 Velcro strap 5 x 200 cm (chest)

Group of weights, painted black

32BCO0000006	2 units 0.5 kg
32BCO0000007	2 units 1 kg
32BCO0000008	2 units 2 kg

TECHNICAL FEATURES

Dimensions:	120 x 88 x 87 cm

OPTIONAL ACCESSORIES

32M000000020	Additional Arm for Quadriceps Bench
31M000000027	QUADRICEP BENCH with 1 arm

WRIST FLEXOR-EXTENSOR

For wrist flexion and extension exercises

DESCRIPTION

- Disc brake for adjustable resistance
- Chromed steel structure
- Handgrip manufactured in naturally colored varnished wood

DIMENSIONS:

- **Total Length:** 42.5 cm
- **Handgrip Length:** 32.5 cm
- **Base space - Handgrip:** 27 cm

31M000000006 WRIST FLEXOR-EXTENSOR

PRONE/SUPINE EXERCISER FOR WRIST/FOREARM

For wrist pronation and supination exercises

DESCRIPTION

- Disc brake adjustable resistance
- Chromed steel structure
- Handgrip manufactured in naturally-varnished wood

DIMENSIONS:

- **Handgrip Length:** 14 cm
- **Space Wall - Handgrip:** 19 cm
- **Diameter of wall disc:** 12.5 cm

31M000000009 PRONE/SUPINE EXERCISER FOR WRIST / FOREARM

ANKLE AND LEG EXERCISER

For ankle and leg flexion and extension exercises

DESCRIPTION

- Apparatus for ankle reeducation exercises in its plantar flexion, dorsiflexion, internal and external rotation variants

31M000000004 ANKLE REEDUCATION APPARATUS

UNIVERSAL HAND EXERCISE TABLE

DESCRIPTION

Steel frame finished with white epoxy paint. Has a beechwood board polished and finished in natural varnish

STANDARD ACCESSORIES

- Canadian board with set of pegs
- Inertia wheel – manufactured using chromium-plated steel – with adjustable resistance
- Wrist pronosupinator – manufactured using chromium-plated steel and wood – with adjustable resistance
- Wrist flexor/extensor – manufactured using chromium-plated steel and varnished oak roller – with adjustable resistance
- Set of three hand exercisers with different resistances
- Set of 5 spring-loaded screws and different ways of gripping. Manufactured in chromium-plated steel. Adjustable resistance and positioning

- OPTIONAL: Pedal for foot flexion and extension exercises. Manufactured in wood with chromium-plated steel rod

DIMENSIONS

102 x 62 x 82cm

31M000000064	HAND, WRIST, FORARM EXERCISER TABLE with pedal
31M000000063	HAND, WRIST, FORARM EXERCISER TABLE without pedal

STORAGE PANEL

Holds several physiotherapy accessories

DESCRIPTION

- Beechwood panel with natural varnish
- With 1 holder for 6 Swedish walking sticks
- With 1 dumbbell stand
- Ball holder
- Hand weight stand
- Naturally varnished oak Hand weights

STANDARD ACCESSORIES

11A00TRN0001	1 rough 16 cm Colibri Ball
11A00FIT0120	1 - 3 kg Hand weight
11A00FIT0121	1 - 4 kg Hand weight
11A00FIT0123	1 - 5 kg Hand weight
11A00MOB0002	1 Storage panel
11A00TRN0019	1 - 1 kg Medicine Ball
1 Tennis ball	
6 Swedish walking sticks	
3 Mace of gymnastics	

11A00MOB0002	STORAGE PANEL

SHOULDER AND FINGER LADDER

DESCRIPTION

- Carved in natural-varnished oak
- 1m length, 4cm distance between rungs
- With 22 rungs, size 5cm(width) x 4cm(height)
- Wall attachment

31M000000055 SHOULDER AND FINGER LADDER

OVERHANG FRAME

Pulley therapy cage – Cage of Rocher

DESCRIPTION

- Structure made from special tubing painted with white epoxy, with 4mm Ø grille

STANDARD ACCESSORIES FOR CAGE OF ROCHER

- 1 Treatment couch with a white metal structure, and built-in exercise pulleys. Upholstered in blue imitation leather, with reclining headrest and slots for securing the patient
- 10 Pulleys 20 x 1
- 10 "S"-shaped hook 4 mm
- 10 ropes of 5 mm white and blue
- 10 snaps 40 x 4
- 1 Shoe with 3 couplings
- 1 12,5 kg dynamometer
- 1 25 kg dynamometer
- 1 cinch with one 100 x 15 cm strap
- 1 cinch with one 60 x 15 cm strap
- 1 cinch with two 100 x 30 cm straps
- 1 cinch with two 70 x 15 cm straps
- 1 cinch with two 50 x 15 cm straps
- 1 cinch with two 30 x 8 cm straps
- 1 Traction perch
- 1 White chin strap
- Autopassive handgrips
- 1 x 1 kg Sandbag with ring and snap fitting
- 1 x 2 kg Sandbag with ring and snap fitting
- 1 x 3 kg Sandbag with ring and snap fitting
- 1 x 4 kg Sandbag with ring and snap fitting
- 1 x 5 kg Sandbag with ring and snap fitting
- 1 5 kg resistance spring
- 1 15 kg resistance spring
- 1 25 kg resistance spring

32M000000023	STANDARD CAGE ACCESSORIES
31M000000035	TREATMENT COUCH WITH PULLEY FOR THE CAGE (MEGACAM 222 FJ)
31M000000062	"GOAL" ROCHER CAGE 210 x 254 x 149 cm
31M000000061	"TUNNEL" ROCHER CAGE 210 x 153 x 250 cm

PARALLEL BARS

DESCRIPTION OF FOLDING PARALLEL BARS

- Built using tubular steel
- With two support bars finished in white epoxy paint
- Bar height can be adjusted using locking pins (in-chromium-plated steel)
- Folding parallel bars mounted on two metallic bases
- Different bar lengths: 2,5 m, 3 m and 3,5 m

DESCRIPTION OF (non-folding) PARALLEL BARS WITH PLATFORM

- Built using tubular steel
- With two support bars finished in white epoxy paint
- Bar height can be adjusted using (chromium-plated steel) locking pins
- Parallel bars mounted on a varnished wooden platform
- Different lengths: 2,5 m, 3 m and 3,5 m

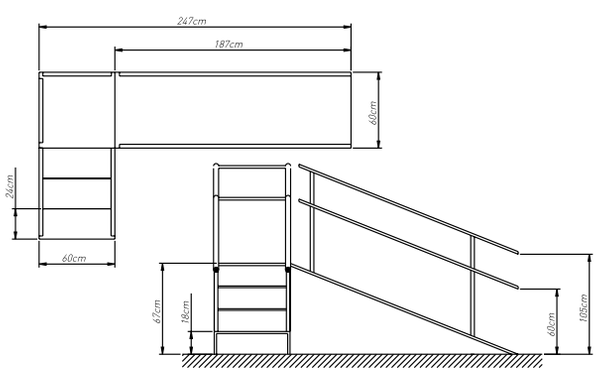
WITHOUT PLATFORM	WITH PLATFORM	
31M0000000065	**31M0000000070**	2.5 m PARALLEL BARS
31M0000000066	**31M0000000071**	3 m PARALLEL BARS
31M0000000067	**31M0000000072**	3.5 m PARALLEL BARS

STAIRCASE WITH RAMP PLATFORM

DESCRIPTION

- Manufactured from white epoxy-painted steel. It has four steps, with a rest, and and a ramp platform (1.8m ramp), manufactured of wood and covered with non-slip rubber to prevent slips.
  It has side handrails, manufactured in epoxy painted steel, whose height are adjustable for each patient

31M0000000054 STAIRCASE WITH RAMP PLATFORM



EQUIPMENT TROLLEY

Easy movement

DESCRIPTION

- Highly stable trolley designed for transporting electrotherapy equipment
- Manufactured from tubular steel painted with white epoxy
- It has 3 shelves, 1 white-epoxy-painted steel and 2 in stainless steel, for equipment and accessories
- Fitted with wheels for convenient movement

31M000000005 EQUIPMENT TROLLEY

MOBILE MIRROR

Squared mobile mirror with adjustable angles for posture correction

DESCRIPTION

- Varnished beech wood frame
- Mounted on a chromed steel support with a white epoxy painted steel base
- With a wheeled base for easier movement

- OPTION: Mobile plain mirror

DIMENSIONS

150 x 65 cm

31M000000060 SQUARED MOBILE MIRROR
31M000000059 PLAIN MOBILE MIRROR

WALL BARS

DESCRIPTION

- Wall bars of 1 section manufactured in Flanders wood
- Bars made from beech wood
- Natural varnish

DIMENSIONS

Single-Section wall bar: 2.7 m x 1 m

11A00FIT0097 SINGLE-SECTION WALL BARS

STOOLS AND FOOTSTOOLS

FOOTSTOOLS

- Footstools of 1 or 2 treads with non-slip surface
- Structure manufactured from chromed steel

11A00TAB0009	1 TREAD FOOTSTOOL 30 (l) x 20 (w) x 22 (h) cm
11A00TAB0010	2 TREAD FOOTSTOOL 30 (l) x 20 (w) x 44 (h) cm

STOOLS – manual lift

- Rotating seats upholstered in imitation leather with manual lift
- Structure manufactured from chromed steel

11A00TAB0002	ROTATING STOOL WITH WHEELS (60 mm Ø WHEEL)
11A00TAB0003	ROTATING STOOL WITHOUT WHEELS

STOOLS – with gas piston

- Ergonomic seat to work more comfortable
- With wheels for movement
- Adjustable height 44 – 57cm
- Model Sattel: hydraulic lifting by means of a lever
- Model Teller: hydraulic lifting with a hoop located in the perimetr of the seat
- Other colours available (optional)

11A00TAB0007	TELLER STOOL (standard colour: black)
11A00TAB0006	PONY STOOL (standard colour: black)

WOOD COUCH

Treatment couch of 2 section made of wood

DESCRIPTION

- Estructure manufactured in Haya wood natural varnished
- Upholstery: polipiel fire retardant of 5 cm (black colour)
- Adjustable headrest
- Dimensions: 180 x 70 x 70 cm
- Leg of the couch dimensions: 6 x 6 cm
- Weight: 22 Kg

11A00CAM0001	WOOD COUCH

CERVICAL TRACTION DEVICE

DESCRIPTION

- Manufactured from steel painted with white epoxy
- For wall attachment

STANDARD ACCESSORIES

33POL0000007	2 Pulleys
31M000000001	1 Traction hook
31A00TAP0069	1 White chin strap
3TRA00000048	3 x 6 mm braided cords
33A00JAU0001	1 "S" shaped hook
31A00TAP0002	1 1 kg Imitation leather bag with ring
31A00TAP0003	1 2 kg Imitation leather bag with ring
31A00TAP0005	1 4 kg Imitation leather bag with ring

31M000000025 CERVICAL TRACTION DEVICE

PULLEY COLUMN

DESCRIPTION

- Manufactured from steel painted in white and grey epoxy
- Guide columns in stainless steel
- Adjustable weights (up to 20 kg)
- For multiple arm and leg exercises
- Pulleys can be positioned at different heights for greater comfort

31M000000079 PULLEY COLUMN

SPECIAL CHAIR

Specially designed for Shortwave or Microwave treatment

DESCRIPTION

- Manufactured from varnished beechwood
- Assembled with special glues and highly resistant wooden pins
- Has no metal parts

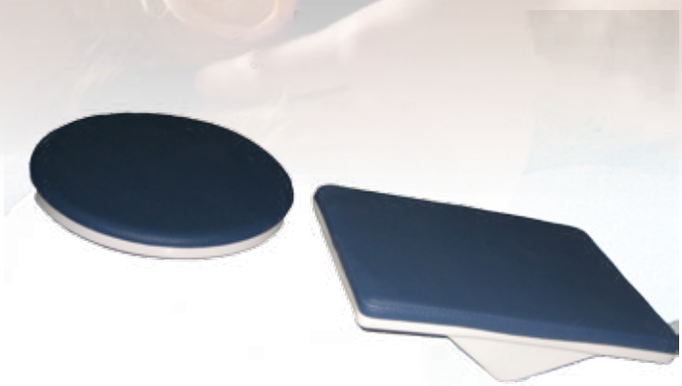
11A00MOB0001 SPECIAL CHAIR FOR ELECTROTHERAPY

ROCKER AND WOBBLE BOARDS (BOHELER)

DESCRIPTION

One piece made from synthetic resins affording robustness and resistance. Comfortable, imitation leather and anti-slip surface upholstered in blue colour

31M000000076 ROCKING BOARD OF Ø 40 cm
31M000000084 ROCKING SQUARED BOARD 40 x 30 cm



PULLEY FOR AUTOPASSIVE MOVEMENTS

DESCRIPTION

- Manufactured from tubular steel painted with white epoxy

ACCESSORIES

- 2 Steel handgrips
- 2 Pulleys with silencer
- Nylon cord
- Cord length regulator

31M00000078 PULLEY FOR AUTO PASSIVE MOVEMENTS

VARIOUS MECHANOTHERAPY ACCESSORIES

DESCRIPTION	REFERENCE
Pillow 30 x 30 x 10	11A00TAP0001
Cervical cushion	11A00TAP0074
Square facial cushion	11A00TAP0075
Wedge 60 x 50 x 20	11A00TAP0035
Wedge 50 x 50 x 40	11A00TAP0036
Wedge 50 x 40 x 30	11A00TAP0038
Wedge 40 x 40 x 40	11A00TAP0041
Wedge 35 x 35 x 10	11A00TAP0044
Wedge 20 x 20 x 20	11A00TAP0046
1/2 kg Cuff weight with velcro	11A00TAP0022
1 kg Cuff weight with velcro	11A00TAP0023
1 1/2 kg Cuff weight with velcro	11A00TAP0024
2 kg Cuff weight with velcro	11A00TAP0025
2 1/2 kg Cuff weight with velcro	11A00TAP0026
Flat botton roll 60 x 15	11A00TAP0013
Flat botton roll 50 x 20	11A00TAP0015
Flat botton roll 40 x 30	11A00TAP0016
Flat botton roll 40 x 15	11A00TAP0017
Roll 10 x 60	11A00TAP0002
Roll 10 x 40	11A00TAP0004
Roll 20 x 50	11A00TAP0005
Roll 20 x 60	11A00TAP0006
Roll 20 x 40	11A00TAP0007
Roll 30 x 40	11A00TAP0010
1/2 kg Imitation leather lined ring bag	31A00TAP0001
1 kg Imitation leather lined ring bag	31A00TAP0002
2 kg Imitation leather lined ring bag	31A00TAP0003
3 kg Imitation leather lined ring bag	31A00TAP0004
4 kg Imitation leather lined ring bag	31A00TAP0005
5 kg Imitation leather lined ring bag	31A00TAP0006
1 kg saddle-type bag	31A00TAP0011
2 kg saddle-type bag	31A00TAP0012
3 kg saddle-type bag	31A00TAP0013
4kg saddle-type bag	31A00TAP0014

DESCRIPTION	REFERENCE
5 kg saddle-type bag	31A00TAP0015
6 kg saddle-type bag	31A00TAP0016
8 kg saddle-type bag	31A00TAP0018
Small compress 16 x 25	11H000000042
Large compress 25 x 33	11H000000043
Cervical compress 16 x 51	11H000000044
40 cm Velcro bandage	12A00FUN0001
75 cm Velcro bandage	12A00FUN0002
150 cm Velcro bandage	12A00FUN0003
Shoe with 3 couplings	33JAU0000001
Perch with Carabine hook	31M000000001
15 kg dynamometer	33A00JAU0002
25 kg dynamometer	33A00JAU0003
5 kg extensometer spring	33MLLJAU0001
15 kg extensometer spring	33MLLJAU0002
25 kg extensometer spring	33MLLJAU0003
Handles for autopassives	32M000000025
Stainless pulley 25 x 1	33POL0000007
Strap, 1 belt and buckle 100 x 15	31A00TAP0033
Strap, 1 belt and buckle 60 x 15	31A00TAP0034
Strap with ring at each end 100 x 30	1A10004
Strap with ring at each end 75 x 15	1A10003
Strap with ring at each end 50 x 15	1A10002
Strap with ring at each end 30 x 8	1A10001
Belt with strap and buckle 175 x 15	31A00TAP0035
Belt with strap and buckle 100 x 15	31A00TAP0036
Belt with strap and buckle 75 x 15	31A00TAP0037
Belt with strap and buckle 50 x 15	31A00TAP0038
Thoracic strap for lumbar traction	31A00TAP0064
Pelvic strap for lumbar traction	31A00TAP0065
White canvas head sling	31A00TAP0069
Brown canvas head sling	31A00TAP0068
"S"-shaped hooks	33A00JAU0001
Snap hook	33JAU0000004

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